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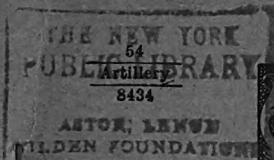
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54

Artillery
8434



REGULATIONS FOR THE EQUIPMENT OF THE REGULAR ARMY

PART 2.—SECTION XI (a) HORSE ARTILLERY WITH Q.F. 13-pr. EQUIPMENT

Brigade Headquarters
Battery
Brigade Ammunition Column

THE WAR OFFICE, 1925

(With amendments up to and including December, 1923)

LONDON:
PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE

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By Command of the Army Council,

A handwritten signature in dark ink, appearing to read 'H. J. Creedy'. The signature is written in a cursive style with a large, stylized 'Z' at the end.

THE WAR OFFICE,
6th February, 1925

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1.—SPECIAL INSTRUCTIONS.

I.—EQUIPMENT OF BRIGADES.

1. *Details.*—Details of the equipments of brigades for war and for use in peace will be found on pages 37 to 109.

2. The equipment for brigade headquarters will be held by the ammunition column when the latter is in regimental charge. When the ammunition column is in Royal Army Ordnance Corps charge the brigade headquarter equipment will be held by one of the batteries in the brigade.

3. Brigades allotted to Cavalry Divisions are at all times to have in possession their complete war equipment, on the scale laid down herein.

4. *Explanation of terms.*—The equipment of a battery is divided under two headings :—

(a.) *Peace equipment.*—That which is required for use in peace, according to its peace establishment of men and horses.

(b.) *Mobilization equipment in charge of the unit.*—That which is required to complete the equipment when raised from a peace to a war establishment.

5. *Accounting for stores.*—The stores will be held on charge in the battery equipment ledger, the peace equipment in Army Book 183, and the mobilization equipment in charge of the unit in Army Book 183A.

6. The account will be balanced and rendered as laid down in Part 1, Equipment Regulations, and not when the mobilization equipment in charge of the unit is handed over to a relieving battery.

7. *Storage of ammunition in peace.*—The following instructions are to be observed with regard to the storage of ammunition in charge of the unit :—

(i.) No ammunition will be packed in limbers or ammunition wagons in peace except when proceeding by road to practice camp or at practice camp. In the case of H.E. fuzed ammunition, only such shells as are fuzed with No. 106E. or No. 115E. will be so carried.

(ii.) All ammunition on charge will be stored in the 4-round ammunition boxes.

Battens for use as directed in the "Regulations for Magazines, &c.," will be supplied as required by the Royal Army Ordnance Corps, and will be held on R.A. ledger charge.

- (iii.) That portion of the ammunition stored in boxes which would be carried in L.G.S. vehicles on mobilization should be packed in the L.G.S. wagons during peace, if the latter are suitably stored and stand on their wheels.
- (iv.) The sheds containing the ammunition in boxes must comply with the Magazine Regulations.
- (v.) Ammunition in mobilization equipment should never be taken out of store except to replenish peace equipment or on mobilization. On no account should ammunition which has been in charge of troops be returned to mobilization equipment in charge of the unit.

8. *Used articles of harness and saddlery.*—Any surplus articles of harness and saddlery which have been used as peace equipment by batteries on the higher establishment, when taken over by a battery on the lower establishment, should be placed in mobilization equipment in charge of the unit, but they should be exchanged for new at the earliest opportunity. Commanding officers will ascertain periodically from the Chief Ordnance Officer whether new articles are available, or can be obtained to meet such exchanges. On receipt of the new stores, they should be placed in mobilization equipment in charge of the unit, and the part worn articles returned to the Royal Army Ordnance Corps.

9. Further instructions regarding mobilization equipment are contained in Part 1 Equipment Regulations.

10. *Camp equipment for annual training.*—To allow of the annual course of military training being carried out, a complete set of camp equipment for one battery will be drawn from local R.A.O.C. for each brigade serving in the district (or in the case of single battery stations, each station). Articles belonging to the mobilization equipments in charge of units will not be used for the purpose.

11. The stores required will be demanded under the orders of officers commanding brigades, who will detail the battery to demand, and arrange the sequence in which the equipment is to be handed over from one battery to another. On completion of the training the equipment will be returned to Royal Army Ordnance Corps by the battery last using it.

12. Local arrangements must be made to ensure that the complete equipment of the battery in every respect is available, and correctly packed. Empty cases or dummies will be used on these occasions to represent any articles which are not available in the district.

13. *Camp equipment for standing camps.*—Camp equipment for standing camps and manœuvres should be demanded in accordance with the scales laid down in Part 1, Equipment Regulations.

14 *Brigade ammunition columns.*—The brigade ammunition columns will be entirely under the command and supervision of the officers commanding brigades, who will be responsible for the efficiency of the column in the same manner as they are responsible for the efficiency of their batteries. The adjutants of brigades will be in immediate charge of the columns and will be the accountants. They will be responsible to the officer commanding for the equipment generally. The accounts will be balanced and rendered, as laid down in Part 1, Equipment Regulations. The warrant officer in charge of stores, &c., will keep the store accounts under the orders of the adjutant, who alone will be responsible for any loss that may occur. On mobilization being ordered, the officer appointed to command will become responsible for the stores and accounts of the column.

II.—MARKING OF EQUIPMENT.

15. Camp kettles and water buckets, belonging to the peace equipment will be marked in front with the letters "R.H.A." and in the rear with the letter of the sub-section and battery letter, thus,

$$\frac{\text{" A "}}{\text{P}}$$

camp kettles in white, water buckets in black.

Drawings to illustrate the method of marking, and the correct position of the marks, can be obtained from the R.A.O.C.

Bags, picketing gear, will also be similarly marked, but on the end.

16. Detailed instructions for marking vehicles and equipment will be found in Part 1, Equipment Regulations.

III.—REPAIRS.

17. The examination and repair of equipment should be carried out by the R.A. artificers so far as may be possible. When special tools or appliances are required, which are not available with the battery, the artificers should be sent, together with the material requiring repair, to the nearest Royal Army Ordnance Corps workshop at which the necessary facilities exist, in order that they may there carry out or assist in carrying out the repair. Any implements, &c., required in carrying out a repair of this equipment should accompany the artificers.

Special tools for the repair of field artillery equipment will be available at the Royal Army Ordnance Corps workshops at Aldershot, Burscough, Colchester, Curragh, Devonport, Dover, Dublin, Portsmouth, Tidworth, Stirling, and Tynemouth.

18. Inspectors of Ordnance Machinery are available to advise officers commanding on any question which it may be desirable to refer to them in connection with the field armament.

19. When the services of these officers are required in connection with the inspection or repair of equipments which cannot be carried out by battery artificers, application will be made by officers commanding units to the Chief Ordnance Officer of the area.

20. Officers commanding brigades will arrange that the services of the R.A. artificers are utilized in keeping the equipment of the brigade in a thoroughly serviceable condition.

IV.—RETURNS.

21. Ordnance on Royal Artillery charge will be included in the Annual Return A.F. G 872, rendered on the 1st August by officers commanding Royal Artillery in districts in accordance with the King's Regulations.

V.—EXAMINATION OF ORDNANCE.

22. Instructions for the examination of ordnance will be found in Regulations for Army Ordnance Services, Part 2.

23. All spare parts should be tried for interchangeability as soon as possible after receipt, and a report of the defects, if any, forwarded to the Chief Inspector, Woolwich.

24. Spare parts of guns and carriages are supplied solely for the purpose of replacing similar or damaged parts, and will not be used for any purpose other than that for which they are maintained, unless specially authorized.

VI.—TARGETS FOR GUN PRACTICE.

Land Ranges.

25. Targets for use at practice camps will, as far as practicable, be made up locally. The targets are of the pattern described in Instructions for Practice, Horse, &c., Artillery, and together with the dummies and other stores are allowed in special proportions (*see detail of stores allowed to the various camps, during practice season for batteries of horse or field artillery*).

VII.—GUN AMMUNITION FOR PRACTICE AND EXERCISE (a).

26. The annual proportions of gun ammunition for practice and exercise are as follows :—

Articles.	Practice. (d)		Annual exercise.	
	Home (b).	Home (c) and Egypt.	Per Battery. †	
			Home.	Egypt.
<i>Section No. 22.</i>				
Pins , puff, powder			—	—
Puffs , powder, No. 9			—	—
<i>Section No. 23</i>				
Cartridges , Q.F., 13-pr.,	H.E., fuzed ...	†	—	—
	shrapnel, fuzed ...	†	—	—
	blank,		(a)	—
	1 lb. blank L.G.			
<i>Section No. 26.</i>				
 Tubes , friction, copper, solid drawn, without ball (d)			—	—

(a) The expenditure of the number of rounds of blank gun ammunition allowed to batteries shall be entirely at the discretion of General Officers Commanding-in-Chief.

(b) Batteries allotted to the Expeditionary Force only.

(c) Batteries not allotted to the Expeditionary Force.

(d) When existing stock is exhausted, "Tubes, friction, Mark IV," will be issued in lieu.

† The annual proportions of ammunition for practice and exercise will be published by Army Council Instructions.

27. *Turnover of ammunition.*—To ensure a proper "turn over" of ammunition, all ammunition fired at annual practice by batteries will be taken from their service equipment, that on peace charge being used up first.

Further instructions regarding the turn over of ammunition are laid down in Part 1, Equipment Regulations.

Demands to complete equipment will be put forward prior to the departure of batteries for practice, so that on their return to their stations the ammunition may be in readiness.

In cases where batteries are to change stations after practice, the new station where the ammunition will be required should be clearly indicated on the demand.

Demands for cartridges must be accompanied by a list of the propellant lots of the natures concerned held on charge by the unit in order that propellants of similar lots of those in possession may, as far as possible, be issued.

28. Empty cartridge cases will be cleaned (*see* Regulations for Magazines and Care of War Matériel), and returned to store as soon as possible after the conclusion of practice. 1-lb. of mineral jelly per 60 empty cases and 1-lb. of soda per 30 empty cases may be drawn for cleaning purposes.

29. The fuze covers removed from Q.F. 13-pr. cartridges at practice will be brought on charge and returned as soon as possible, after practice, to the nearest Royal Army Ordnance Corps Depot. An allowance of 2 per cent. will be made to cover unavoidable losses.

30. Ammunition will be demanded on A.F. G 988. Any of the annual supply of service, or blank ammunition which has not been expended by the end of the financial year for which it is allowed will be forfeited.

See Part 1, E.R. as to accounting for blank gun ammunition.

VIII.—HANDBOOKS.

31. Handbooks are issued in the following proportions, and will be held on charge as laid down in Part 1, Equipment Regulations.

Distribution.								Handbooks.	
								Q.F. 13-pr.	Artillery range-finder.
Brigade headquarters	...	...	...	...	...	...	...	2	2
Batteries	{	...	...	...	...	...	...	20 (a)	12
	{	for officers	...	...	...	...	...	5	-
Fitter Staff-serjeant	...	...	...	...	...	...	...	1	1

(a) For a four-gun battery 15 handbooks only are allowed.

IX.—HORSE SHOES.

32. On active service, all horses will be shod with machine made shoes, which will be supplied according to the sizes demanded.

Shoes to be stored with mobilization equipment will be held in the following proportion of sizes. The total number that will be held is at the rate of 50 per cent. of the number of animals

		Description.	No. per cent.
<i>Section No. 10—A.</i>			
Shoes, horse, pairs †	No. 4	{ fore	20
		{ hind	20
	No. 5	{ fore	28
		{ hind, without calkins	21
		{ hind, with calkins	7
	No. 6	{ fore	32
		{ hind, without calkins	8
		{ hind, with calkins	24
	No. 7	{ fore	12
		{ hind, without calkins	2
		{ hind, with calkins	10
	No. 8	{ fore	6
		{ hind, with calkins	6
	No. 9	{ fore	2
		{ hind, with calkins	2

† The battery in Egypt will store 8 per cent. of No. 8 but no No. 9 shoes.

Instructions regarding the allowance of horse shoes, in peace, will be found in para. 243 of Equipment Regulations, Part I, 1923.

Frost cogs, taps and wrenches, *see* Equipment Regulations, Part I, 1923, paras. 241 and 242.

X.—STORES FOR THE REPAIR, PRESERVATION, AND PAINTING OF EQUIPMENT.

Harness and Saddlery.

33. The repair of saddlery and harness, &c., allowed for the headquarters of brigades and of Royal Artillery districts will be effected by the artificers of the nearest battery when practicable.

Any materials for repair that may be required by brigade headquarters, or batteries, on service, will be demanded as required, direct from R.A.O.C.

Ordnance, Carriages, Projectiles, &c.

34. Detailed instructions for the preservation and inspection of ordnance, &c., are given in the Regulations for Magazines and Care of War Matériel for the guidance of officers of the Royal Artillery in carrying out the services therein referred to and of officers of the Royal Army Ordnance Corps in supplying such materials and stores as may be required from time to time for performing the same.

35. The following proportions of materials for care and preservation of equipment in batteries and ammunition columns (except harness and saddlery) and the tools, &c., for painting are laid down, *for peace purposes*, in the following table:—

(Rangoon oil, cotton waste, coloured; and rags, linen or cotton, required for use at the annual overhaul, will be indented for, as required, from R.A.O.C.)

Section.	Articles.	Battery Proportions.	Ammunition Column Proportions.	Purposes for which required, &c.
No.		ANNUAL ALLOWANCE.		
9A	Bathbricks	2 for each carriage and limber	—	For general cleaning purposes.
9A	Beeswax ozs.	2 for each wagon and limber	—	
9A	Chalk prepared white boxes	4 for each carriage and limber	—	
13C	Cloths, sponge	4 for each wagon and limber	—	
13C	Cotton, waste, white ozs.	1 for each battery	—	Signalling gear. For mineral jelly, red. For straps and leather work. General purposes.
9B	Cylinders, paint, No. 3 ...	10 for each subsection	1 for each 2 vehicles	
9A	Dubbing lbs.	8	—	
9A	Glue, best town made ..	3	—	
9A	Grease, lubricating for cool climates (b) ... lbs.	1½ for each subsection	1 for each 100 straps (various)	Lubricating.
13C	Leather, chamois	3 for each wheel	3 for each wheel	
9A	Mineral jelly, red ... lbs.	$\frac{1}{2}$ " " (c)	$\frac{1}{2}$ " " (c)	
9A	Oil:— Linseed, boiled ... pts.	$\frac{1}{2}$ " " (d)	$\frac{1}{2}$ " " (d)	
9A	Rangoon	1	—	Cleaning telescopes. Protection of bore and breech fittings. Wiping over shell, when necessary, to prevent rust (e). Coating bright parts. Lubricating. For general cleaning purposes. 54 Gen. No. 909
9A	Paint, prepared for use:— Black, lamp ... ozs.	4 (f)	—	
9A	Lead, white	52	—	
9A	Paint, prepared for use:— Black, lamp ... ozs.	4	—	
N.I.V.	Rags, linen, or cotton, old lbs.	4	—	Painting aiming posts. For wiping over shell when necessary, to prevent rust (e). Cleaning purposes.
9A	Soap { soft lbs.	1	—	
9A	Soap { yellow bars	—	$\frac{1}{2}$ for each vehicle	
13C	Tow, jute lbs.	1 for each carriage and limber	$\frac{1}{2}$ for each vehicle	
9A	Turpentine pts.	1 for each wagon and limber	—	For general cleaning purposes.
9A	Turpentine pts.	12 for each carriage and limber	—	
13C	Tow, jute lbs.	12 for each wagon and limber	—	
9A	Turpentine pts.	6	—	
9A	Turpentine pts.	$\frac{1}{2}$ (h)	—	Packing stores generally. Painting aiming posts.

(b) Grease, lubricating, for hot climates, will be used at all stations abroad.

(c) On certificate of Commanding Officer that they are in constant use.

(d) When not in constant use.

(e) Particular attention is called to "Regulations for Magazines."

(f) Two pints are for mobilization equipment in charge of the unit.

(g) For vehicles in mobilization charge of the unit.

(h) Thinning paint if necessary.

Section.	Articles.	Battery Proportions.	Ammunition Column Proportions.	Purposes for which required, &c.
TO BE DEMANDED AS REQUIRED AND RETURNED TO ORDNANCE STORES WHEN UNSERVICEABLE.				
No.				
5A	Brushes, harness, hard ...	—	} 1 for every 10 or less vehicles	Tools for painting, &c. { When a battery or column is placed on a war footing, the articles in possession will not be maintained in the field.
11	Brushes, water, carriage ...	—		
11	Brushes, paint:—			
	Oval ...	3	1	
	Sash tool { No. 2... ..	3	—	
	,, 4... ..	2	—	
	,, 6... ..	2	1	
7	Brushes, sable, writing, duck, large ...	2	—	
7	Cans, { 7½-ins. diameter	1	1	
	paint { 7-ins. ,,	1	1	
7	Knives { palette, 9-inch ...	1	—	
	putty ...	1	—	
5A	Pans, oil	6	—	

36. The paint allowed for painting guns, carriages, &c., of batteries, as laid down in the following tables A and B will be demanded on the 1st of March or the 1st of September, and the painting will be carried out under orders of the O.C. Paint may be drawn as laid down in Table A, as required for ammunition columns

**MATERIALS, TIME AND WORKING PAY ALLOWED FOR PAINTING
THE FOLLOWING VEHICLES, &c.**

Annual Supply, during Peace only.

N.B.—For the Vehicles, &c., forming the mobilization equipment in charge of batteries, the proportion of paint, &c., should only be issued when they actually require painting.

Description.	Paint prepared Service colour.	Putty.	Scraping and cleaning (a).		Painting (b) — Stopping, painting bare places, and one coat.	
			Time.		Time.	
	lbs. ozs.	lbs. ozs.	H.	M.	H.	M.
Bars, supporting draught poles, No. 3 per doz. (spare)	0 4 (f)	..	1	0	1	0 (g)
Carriages, field, Q.F. 13-pr. ...	6 12	0 8	3	0	6	0
Cart, officers' mess ...	4 0	0 8	3	0	4	0
Carts, Maltese ...	6 0	0 12	2	0	4	30
Carts, water tank—						
Cart, without tank ...	5 0	0 8	2	0	4	30
Tank, with filtering apparatus ...	1 8	...	1	0	1	30
Covers (d), cart, Maltese ...	8 0 (c)	...	...	...	2	45
Limbers, Q.F. 13-pr. ...	5 12	0 8	3	0	5	30
Poles, draught { No. 7A ... (spare)	1 0	...	0	10	0	15
{ No. 17 and 18 (")	1 0	...	0	15	0	20
{ ammunition, Q.F. 13-pr...	5 8	0 8	3	0	5	30
{ G.S. ...	15 0	2 0	6	0	15	0
Wagons { Limbered, G.S.:—						
Fore ...	5 0	0 12	3	0	6	0
Hind ...	5 0	0 12	3	0	6	0
Wheels { 3rd class "B" No. 159A ...	0 12	0 2	0	30	0	40
(spare) { 2nd class "C" { No. 200A ...	1 0	0 3	0	40	1	0
{ No. 45 ...	1 4	0 2	0	30	1	0
Miscellaneous stores (e) ...	30 0	...	...	...	...	...

(a) Working pay at the rate of 1*d.* an hour is issuable for this service.

(b) Working pay at the rate of 1½*d.* an hour is issuable for this service.

(c) Composition for canvas.

(d) Covers made of waterproof material dyed khaki or service colour will be treated with the composition for canvas, only when the covers have become bleached.

(e) For each battery.

(f) Woodwork will be treated with oil, mineral, preserving wood, 1½ gills being allowed for 12 bars. Paint for metal work will be taken from quantity authorized for limbers.

(g) Oiling.

No soldier who is in receipt of tradesman's rates of pay will be entitled to be remunerated from this allowance for the performance of any duties in connection with the service for which the allowance is granted, unless those duties are performed in his own time. In addition to those for which he receives tradesman's rates of pay.

**MATERIALS, TIME AND WORKING PAY ALLOWED FOR CLEANING
AND PAINTING ORDNANCE.**

TABLE B.		Service colour one coat.	Cleaning and scraping (a). — Time.	Painting one coat (b). — Time.
Ordnance, 13-pr.	Q.F.	ozs. 7	H. M. 1 20	H M. 1 0.

(a) Working pay at the rate of 1d. an hour is issuable for this service.

(b) Working pay at the rate of 1½d. an hour is issuable for this service.

37. "Range-finders, Artillery, No. 2," and their cases, will be painted with service colour paint annually, or oftener if found necessary. For this purpose ½-lb. of paint for each instrument will be allowed, the work being carried out by the brigade R.A. artificer. This does not apply to those range-finders and cases which are made of, or covered with leather.

38. A set of tinman's tools is supplied to each battery and column for carrying out small repairs.

XI.—STORES FOR THE DESTRUCTION OF SHELLS.

39. A set of stores for the destruction of shells at practice camps, also such quantity of guncotton and detonators as are considered necessary, will be allowed to all land ranges, and will be demanded in the undermentioned proportions and accounted for by the commandant :—

MATERIALS REQUIRED FOR EACH CHARGE.

<i>Section No. 25.</i>				No.
Guncotton	{ dry, primers, field, 1-oz.	...	...	1
	{ wet, slabs, field, 15-oz.	...	...	1

<i>Section No. 26.</i>				
Detonators, electric, No. 13	...	...	...	1

<i>Section No. 29—D.</i>				
Sandbags	...	...	...	4

STORES.

Articles.	No.	Remarks.
<i>Section No. 7.</i>		
Pliers , side-cutting, 7-inch ... pairs	1	
<i>Section No. 8—A.</i>		
Twine , choking, 3-thread ... lbs.	1	Securing charge.
<i>Section No. 9—A.</i>		
Cloth , emery, No. F ... sheets	2	Cleaning ends of wire.
<i>Section No. 28—B.</i>		
Cable , electric, E.I. Mark II ... yards	2,000	Old telegraph cable unfit for general issue would do if available.
Exploders , dynamo ...	1	} Repairing defective wire.
Solution , rubber, 3-oz. tubes... tubes	9	
Tape , rubber, pure ... lbs.	$\frac{1}{2}$	

XII.—SIGNALLING STORES.

40. Signalling equipment according to the following scales will be allowed :—

Articles.	War Equip- ment for each Battery.	Peace for each Battery.	Remarks.
<i>Section No. 6—A.</i>			
Buckets { signalling flag	6	6	
tripod stand	2	2	
<i>Section No. 7.</i>			
Pliers , side-cutting 8 in., prs.	...	...	1 pair for each signaller.
<i>Section No. 8—C.</i>			
Apparatus , aerial signalling,			
Panels T.	2	2	
Strips, 9-ft. x 9-inch	12	12	
Cases, message book	2	2	
Flags, { blue, small	6	6	
signal, { white, with stripe, small	8	8	
army { poles, 3 ft. 6 in.	21	21	

Signalling Stores—continued.

Articles.	War Equip- ment for each Battery.	Peace for each Battery.	Remarks.
<i>Section No. 8—C—continued.</i>			
Heliographs , 5-in., Mark V ...	2	2	
Keys , dummy, signallers ...	8	8	
Panniers , signalling ...	2	2	
Shutters , signalling, folding ...	4	4	
Bags	4	4	
Springs spare	4	1	
Stands , lamp, or helio "A" ...	4	2	
<i>Section No. 8—D.</i>			
Cases , compass, prismatic ...	2	2	
Compasses , prismatic, Mark VIII	2	2	
Watches , G.S.	2	2	
<i>Section No. 15—B.</i>			
Spectacles , tinted, No. 1 (a) pairs	2	2	
Stands , signalling, telescope ...	2	2	
Telescopes , signalling	2	2	
<i>Section No. 28—B.</i>			
Cells , inert :			
S (b)	16	16 (d)	
S (c) spare	32	32	
<i>Section No. 29—A.</i>			
Lamps , sig., daylight, short range	2	2	
Buckets... ..	2	2	
N.I.V.			
<i>Stationery Office Supply.</i>			
Books { signalling manual... ..	1	3	
{ scribbling	5	10	
{ message forms	150	300	

(a) For tropical climates.

(b) 8 for each Lamp, sig., daylight, short range.

(c) 16

(d) Peace "training only, not "available" for war.

NOTE.—Flags required for indirect laying purposes are to be taken for use from this allowance.

XIII.—STORES FOR INSTRUCTION IN RECONNAISSANCE.

41. The following will be allowed in peace for the instruction of non-commissioned officers in reconnaissance.

Section No. 8—D.

	For each battery.	For each headquarters.
Boards, sketching, common	2	1
Compasses, magnetic, pocket	2	1
Instruments, drawing, field sketching sets	2	1
Cases	2	1
Protractors, rectangular, 6-in. wood, "A," Mark II (or ivoryine "A," Mark III) ...	2	1
Scales, marquois sets	2	1

(Not in Vocab.)

MISCELLANEOUS.

Conventional signs	6b	} Stationery office supply.
Note books for reconnaissance	6a	
Pencils, blacklead	12a	
Rulers, flat, boxwood, 1 foot (marked in inches)	6	} To be pur- chased locally by R.A.O.C.

XIV.—MUSKETRY INSTRUCTION.

42. The following stores are allowed for each battery for instructional purposes, peace only.

Weedon Section "A."

	Scale for each Battery.
Aim correctors	2
Actions, skeleton, M.L.E. rifle, short	1
Actions, skeleton, pistol, Webley	1
Brushes, cleaning, tubes, aiming (c)	4
Cleaners, tube, aiming	4
Implements, action, M.L.E. rifle, short	1
Rifles, short, '22-inch, R.F.	4
Rods, cleaning, tubes, aiming	4
Tools, removing handguard, No.	1

a. Annually. b. Also 1 for each headquarters.

(c) Will be replaced when necessary.

XV.—SETS OF TOOLS. (a)*(Referred to in Tables of Details.)***CHEST, TOOL, FILLED, SMITHS.**

Articles.		No.
<i>Section No. 7.</i>		
Aprons , moleskin ...	...	1
Chests , tool, empty, No. 11	...	1
Braces	smiths', bits, { countersink rose	1
	{ rimer, { half-round	1
	{ square	1
	ratchet, { 9-inch	1
	{ posts, 16-inch, Mark II	1
	{ 12-inch drills (sets of 11)	1
Callipers	{ 10-inch outside	sets
	{ 5 " inside and outside...	pair
Cans , oil, lubricating, G.S.	...	1
Case , tools, screw cutting B.A. thread, G.S., Mark III, filled	...	1
Chisels	cross cut, 7-inch $\times$ $\frac{1}{4}$ -inch	1
	engraving	1
	hand, cold, { 1-inch $\times$ 8 $\frac{1}{2}$ -inch	1
	{ $\frac{3}{4}$ " $\times$ 8 "	1
	rivet head	1
	smiths', { cold	1
Compasses , wing, 10-inch	{ hot	1
	...	pair
Cutters , anvil, flat, smiths', with screw setting gauge	...	1
Files	bastard, { round, { 10-inch..	1
	{ flat, { 8 "	1
	{ 6 "	1
	regular cut, { hand, safe edge, tanged, 14-inch	2
	{ half-round { 14-inch	1
	{ 10 "	1
Flatters , smiths' ...	fine cut, half-round, 8-inch	1
	second cut, hand, safe edge, 6-inch	1
Fullers , smiths', F.S., { bottom	...	1
Hammers	{ top	1
	fitters', 32-oz.	1
	" 24-oz.	1
	" 8-oz.	1
	smiths', sledge, 10-lb.	1
	" uphand, 7-lb.	1
Handles , file	large	1
	middling	2
	small	1

(a) Items contained in sets of tools to be demanded under their respective sections of the Vocabulary of Stores.

Chest, Tool, Filled, Smiths'—*continued.*

Articles.		No.
<i>Section No. 7—continued.</i>		
Holders , file, with handle, half-round (a)	{ 14-inch ... 10- „ ... 8- „ ...	1 1 1
Holders , rivet head, small	...	1
Pliers , side-cutting, 8-inch cutters	... pair	1
Pokers , smiths'	...	2
Punches	{ centre, $4\frac{1}{2}$ -inch ... round, $\frac{3}{8}$ -inch x 10-inch ... „ $1\frac{1}{8}$ „ $\frac{4}{8}$ „ ... smiths', hot, { $\frac{1}{2}$ -inch ... $\frac{3}{8}$ „ ...	1 1 1 1 1 1
Rods , smiths', iron	...	4
Rules	{ armament artificers', 1-foot ... smiths' ...	1 1
Saws	{ hack, 12-inch ... blades, 12-inch ...	1 6
Screwdrivers , G.S.,	{ 14-inch ... 6- „ ...	1 1
Scribers , ...	...	1
Slices , farriers	...	1
Snaps , hand riveting	{ $\frac{7}{8}$ -inch ... $\frac{3}{4}$ „ ... $\frac{1}{2}$ „ ...	1 1 1
Snaps , riveting rod	{ $\frac{3}{4}$ -inch ... $\frac{1}{2}$ -inch ...	1 1
Spanners , adjustable, 15-inch	...	1
Squares	{ box, fitters' ... fitters', 4-inch ... smiths' (steel), 18-inch x 9-inch ...	1 1 1
Stones , rag	...	2
Tongs , smiths'	{ fore bit... pair forge, small „ hollow bit „ plier, Mark II „	1 1 1 1
Tools , forming	...	1
Tools , rounding, Mark II	{ bottom ... top ...	1 1
Travellers , ...	...	1
Vice , bench, saddle-tree-makers	...	1
Vices , hand, 16-oz.	...	1
<i>Section No 13—C.</i>		
Cloths , sponge	...	4
<i>Not in Vocabulary.</i>		
MISCELLANEOUS.		
Handbook , military artificers'	...	1

(a) When regular and fine cut half-round files are in possession.

CHESTS, TOOL, SCREW CUTTING, R.A., FIELD, MARK II,
FILLED.

Articles.		No.
<i>Section No. 7.</i>		
<i>Detail.</i>		
Chests, empty ...	...	1
Tools, screw cutting, R.A., field (B.S.W. thread)	Cans, oil, lubricating, small ...	1
	Dies, circular, { $\frac{3}{4}$ -inch ... $\frac{5}{8}$ " ... $\frac{1}{2}$ " ... $\frac{3}{8}$ " ...	1
		1
		1
		1
	Stocks, circular die ...	1
	Taps { $\frac{3}{4}$ -inch, { taper... second ... plug ... $\frac{5}{8}$ " { taper... second ... plug ... $\frac{1}{2}$ " { taper... second ... plug ... $\frac{3}{8}$ " { taper... second ... plug ...	1
		1
		1
		1
		1
		1
		1
		1
		1
		1
		1
		1
	Wrenches, adjustable ...	1

CHESTS, TOOLS, SCREW CUTTING, MARK IV., "C"
FILLED ($\frac{1}{8}$ -inch to $\frac{5}{16}$ -inch).

Articles.		No.
<i>DETAIL OF "C" CHEST.</i>		
<i>Section No. 7.</i>		
Chests, empty ...	...	1
Tools, screw cutting, B. S. W. thread, Mark IV.	Dies, two part, sets { $\frac{1}{8}$ -inch ... $\frac{7}{16}$ " ... $\frac{3}{8}$ " ... $\frac{5}{16}$ " ...	1
		1
		1
		1
	Taps, { $\frac{1}{8}$ -inch, { taper ... second ... plug ... $\frac{7}{16}$ " { taper ... second ... plug ... $\frac{3}{8}$ " { taper ... second ... plug ... $\frac{5}{16}$ " { taper ... second ... plug ...	1
		1
		1
		1
		1
		1
		1
		1
		1
		1
		1
		1
	Stocks, two part die "C" ...	1
	Tommies, "C" ...	1
	Wrenches, adjustable "C" ...	1

**CHEST, TOOL, FILLED, ARMAMENT ARTIFICERS,
R.H. AND R.F. ARTILLERY.**

Articles.										No.	
Section No. 7.											
Chests, tool, empty, No. 3										1	
Aprons, canvas, white										2	
Braces	{	ratchet,	{		12-inch, drills				sets	1	
			{		9-inch					1	
			{		post, 16-inch Mark II					1	
	{	ratchet, 9-inch drills,	{		$\frac{5}{8}$ -inch...					1	
			{		$\frac{17}{32}$ „					1	
			{		twist, square taper	$\frac{1}{2}$ „				1	
		shank	{		$\frac{7}{16}$ „				1		
			{		$\frac{3}{8}$ „				1		
Brushes, hair, flat, 1-inch...										1	
Callipers	{	{		6-inch outside					pair	1	
		{		5 „ inside and outside					„	1	
		{		4 „ inside					„	1	
Cans, oil, lubricating,	{	{		G.S.						1	
		{		small						1	
Cases, tools, screw cutting B.A. thread, G.S. Mark III, filled										1	
Chisels	{	{	cross cut	{		8-inch $\times$ $\frac{3}{8}$ -inch				1	
				{		7 „ $\times$ $\frac{1}{2}$ „				5	
		{	hand, cold,	{		$\frac{3}{4}$ „ $\times$ 8 „					6
				{		rivet head					1
		{		{		smiths' (with wood handles)	{	hot		1	
								cold		1	
Clams, vice	{	{		copper					pair	1(a)	
		{		lead...					„	1(a)	
Cramps, fitters, 5-inch										2	
Dividers, spring, 6-inch, Mark II										pair 1	
Drifts	{	{	brass round,	{		1-inch				1	
				{		$\frac{3}{4}$ „				1	
				{		$\frac{1}{2}$ „				2	
				{		$\frac{3}{8}$ „				2	
		{	steel round,	{		$\frac{11}{16}$ „				1	
				{		$\frac{9}{16}$ „				1	
				{		$\frac{7}{16}$ „				1	
				{		$\frac{5}{16}$ „				1	
Drills, twist										sets 1	

(a). To be made locally.

Chest, tool, filled, armament artificers—continued.

		Articles.	No.		
Section No. 7—continued.					
Files	bastard	flat, 6-inch	3		
		half-round, 6-inch	2		
		knife, 6-inch	2		
		round,	14 inch	2	
			12 "	2	
			10 "	2	
			8 "	2	
		square,	6 "	2	
			12 "	2	
			8 "	2	
			4 "	2	
		warding, cut on one side,	3½ "	2	
			3 "	2	
			hand, safe edge, tanged,	14 "	2
	12 "			2	
	regular cut	14 "		1	
		12 "		1	
		10 "	1		
		8 "	1		
	dead smooth	flat, 12-inch	1		
		half-round, 4-inch	1		
		hand, safe-edge, 4-inch	1		
		fine cut	hand, safe edge, tanged,	14-inch	1
	12 "			1	
	10 "			1	
	8 "			2	
	half-round,		12 "	1	
			10 "	1	
	saw, taper, second cut, single	6-inch	8 "	1	
			4 "	2	
3 "			2		
2 "			2		
second cut, hand, safe edge	6-inch	4 "	1		
		4 "	1		
		smooth	flat, { 12 "	1 "	1
				6 "	1
half-round,	12-inch		1		
	8 "		2		
	6 "	2			
	hand, safe edge, { 8 "	2			
		4 "	1		
Flatters, smiths' (handled), Mark II		1			
Fullers, smiths', F.S. { top		1			
{ bottom		1			
Gauges, feeler, 8 blades, Mark II		1			

Chest, tool, filled, armament artificers—*continued*.

Articles.				No.
Section No. 7—continued.				
Hammers	{ fitters',	48-oz. copper	...	1
		24 "	...	1
		16 "	...	1
		8 "	...	1
		riveting, boilermakers', 2½-lbs.	...	1
Hammer, handles	{ No. 2	...	...	1
		" 5	...	1
		" 6	...	2
		" 7	...	1
Handles, file	{ large	...	...	5
		middling...	...	5
		small	...	4
Holdalls, tool, armament artificers'		...	...	1
Holders, file, with handle, half-round (a)	{ 14-inch	...	...	1
		12 "	...	1
		10 "	...	1
		8 "	...	1
Irons, soldering, tinman's, large		...	...	1
Lamps, brazing, 1 pint		...	...	1
Levels, spirit, adjustable		...	...	1
Mallets, tinman's		...	...	1
Oilstones, carpenter's		...	...	1
Pliers	{ round nose	...	...	pair 1
		side-cutting, 8-inch, Mark IV	...	" 1
		cutters " " (spare)	...	2
		centre, 4-inch...	...	2
Punches	{ pin, { ¼ "	...	...	1
		⅜ "	...	1
		½ "	...	1
		round, ½-inch × 10-inch	...	1
smiths', cold		...	...	1
Rules, armament artificers', 1-foot		...	...	1
Saws	{ hack, 12-inch	...	...	1
		" " blades (spare)	...	12
Screwdrivers	{ armament artificers', 9-inch (with tommy)	...	...	1
		G.S., 6-inch	...	1
		watchmakers', ⅜-inch...	...	1
Spanners	{ armament artificers', double-ended, ¾-inch and	...	...	1
		¾-inch	...	1
		adjustable, 15-inch	...	1
Scribers	{ " 11 "	...	...	1
		...	...	1

(a) When regular and fine cut files are issued.

Chest, tool, filled, armament artificers—*continued.*

Articles.								No.
<i>Section No. 7—continued.</i>								
Shears , tinman's, snip	...	...	...	...	...	pair		1
Snaps	{ hand, riveting,	{	$\frac{3}{8}$ -inch	...	...	...		1
			$\frac{7}{16}$ "	...	...	...		1
			$\frac{3}{8}$ "	...	...	...		1
			riveting rod, $\frac{7}{8}$ -inch	...	...	...		1
Squares , fitters',	{	{	8-inch	...	...	...		1
			4 " "	...	...	...		1
Stocks , drill,	{	{	breast	...	...	...		1
			hand, Mark II	...	...	...		1
Straight edges, steel, 2-feet				...	...	...		1
Tongs	{	{	smiths', fore bit	...	...	...	pair	1
			hollow bit	...	...	...	"	1
			wheeler fitter's	...	...	...	"	1
Vices ,	{	{	bench, saddletree-makers'	...	...	...		1
			hand, combination	...	...	...		1
Wrench , adjustable, 9-inch				...	...	...		1
<i>Section No. 9—A.</i>								
(a) Cloth , emery, No. F	...	...	...	...	...	...	sheets	12
(a) Resin , black	...	...	...	...	...	...	lb.	$\frac{1}{4}$
<i>Section No. 13—C.</i>								
(a) Cloths , sponge	...	...	...	...	...	...		6
(a) Leather , chamois	...	...	...	...	...	...		1

(a) These stores will be demanded as may be necessary from time to time to ensure that the supply in the chest does not fall below 50 per cent. of the full complement.

SETS OF TOOLS.

Articles.								No.
<i>Section No. 7.</i>								
Saddlers' Tools.								
No. 1 SET.								
<i>(Carried in Valise.)</i>								
Aprons , canvas, white	...	...	...	...	...	...		1
Awls , blades—								
Harness—								
3-inch	...	...	...	...	...	...		1
2 $\frac{3}{4}$ "	...	...	...	...	...	...		1
2 $\frac{1}{2}$ "	...	...	...	...	...	...		1
2 $\frac{1}{4}$ "	...	...	...	...	...	...		1
2 "	...	...	...	...	...	...		1
Pannel —								
5 $\frac{1}{4}$ -inch	...	...	...	...	...	...		1

Sets of tools—*continued.*

Articles.	No.
SADDLERS' TOOLS—<i>continued.</i>	
No. 1 SET.	
Section No. 7.	
Awls, handles—	
Harness	2
Pannel	1
Clams, saddlers'	
... .. pair	1 (a)
Knives, {	
half-round	1
head	1
Marline spikes, steel, 9-inch	1
Needles—	
Collar, half-moon—	
5½-inch	1
Darning, 4-inch	2
Harness	25
Saddlers'—	
Sewing	25
Stitching	10
Palms, saddlers'	1
Pliers, flat nose	pair 1
Punches, spring, 11-inch	1
Thimbles, tailors'	1

(a) Strapped outside valise.

No. 2 SET.*(Carried in Box, Mobilization Stores, No. 6.)*

Awls, blades—	
Buckling —	
5-inch	6
4 "	6
Drawing	4
Garnishing—	
2¼-inch	4
2 "	4
Harness—	
3-inch	3
2¾ "	5
2½ "	5
2¼ "	5
2 "	3
Pannel—	
7-inch	4
5½ "	2
Awls, handles, {	
drawing	8
harness	2
pannel	6
Bones, rubbing	2
Chisels, hand, cold, ¾-inch × 8-inch	2

Sets of Tools—*continued.*

Articles.	No.
SADDLERS' TOOLS—<i>continued.</i>	
No. 2 Set.	
Claws, nail	2
Compasses, wing, 7-inch pairs	2
Creases { double	2
single	2
Gimlets, twist, No. 6	2
Hammers { saddlers'	2
riveting, 8-oz.	2
Irons, pricking—	
12-stitch	2
7 " 	2
5 " 	2
Knives, { gauge, plough	2
trimming	2
Lead, punching, saddlers', 4-lb. pieces	2
Mallets, tinmans'	2
Needles—	
Collar, half-moon—	
6½-inch	2
4½ " 	2
Darning, 4-inch	6
Harness	75
Saddlers'—	
Sewing	25
Stitching	20
Pincers, saddlers' pairs	2
{ No. 31	2
" 28	2
" 24	2
Punches oval { " 23	4
" 22	4
" 21	4
" 20	4
Rasps, shoemakers', 10-inch	2
Rules, G.S., 4-fold	2
Scissors, tailors' pairs	2
Screwdrivers, G.S., 6-inch	2
Shaves, saddlers'	2
Sticks, stuffing	2
Thimbles, tailors'	2
Tools, edge { No. 2	2
" 3	2

Sets of tools—*continued.*

Articles.

No.

SADDLERS' TOOLS—*continued.*

No. 2 Set.

Section No. 12.

Stones, rub, scythe	...	...	...	...	...	...	2
----------------------------	-----	-----	-----	-----	-----	-----	---

Articles.

No.

Fitters' or Wheelers' Tools.

No. 1 SET. (*Carried in Valise.*)

Section No. 7.

Callipers , 4-inch outside	...	...	...	...	pair	1
Chisels {	cross cut, 7-inch × $\frac{1}{4}$ -inch	...	...	...	...	1
	firmer, coachmakers', 1-inch	...	...	...	...	1
	hand, cold, $\frac{3}{4}$ -inch × 8-inch	...	...	...	...	2
Drifts , brass round, $\frac{3}{8}$ -inch	...	...	...	...	...	1
Files {	bastard, round, 10-inch	...	...	...	...	1
	regular cut, hand, safe edge, tanged, 12-inch	...	...	...	...	1
	fine cut, hand, safe edge, tanged, 8-inch	...	...	...	...	1
	smooth, half-round, 6-inch	...	...	...	...	1
Hammers , fitters', 16-oz.	...	...	...	...	...	1
Handles , file {	large	...	...	...	...	1
	middling	...	...	...	...	1
	small	...	...	...	...	1
Pliers , side cutting, 8-inch, Mark IV	...	...	...	...	pair	1
Punches , pin {	$\frac{1}{4}$ -inch	...	...	...	...	1
	$\frac{3}{8}$ „	...	...	...	...	1
	$\frac{1}{8}$ „	...	...	...	...	1
Rules , armament artificers', 1-foot	...	...	...	...	...	1
Scribers	...	...	...	...	...	1
Spokeshaves , 2 $\frac{1}{2}$ -inch (or 3 $\frac{1}{4}$ -inch)	...	...	...	...	...	1
Vices , hand, combination	...	...	...	...	...	1

Section No. 10—A.

Nails , assorted (a)	...	...	...	...	lb.	1
Screws , assorted (a)	...	...	...	...	„	1

(a) Description to be stated in demands.

Sets of tools—*continued.*

Articles.	No.
Shoeing Tools.	
<i>(Carried in Valise.)</i>	
<i>Section No. 7.</i>	
Aprons , moleskin	1
Buffers , farriers'	1
Hammers , farriers', shoeing	1
Knives { drawing, farriers'	1
{ searching "	1
Pincers , farriers' pair	1
Pritchels "	1
Rasps " 16-inch	1
Stones , rag, farriers'	1
Forge Tools.	
<i>(Carried in Box, Mobilization Stores, No. 1.)</i>	
<i>Section No. 7.</i>	
Chisels , farriers', handled	2
Hammers , farriers' { sledge, 9½-lbs.	1
{ turning	1
Stamps , farriers'	2
Tongs , farriers', turning { large pair	1
{ medium	1
{ small	1
<i>Section No. 10—A.</i>	
Nails , horseshoe (a) lbs.	3
Tinman's Tools.	
<i>(Carried in Box, Mobilization Stores, No. 1.)</i>	
<i>Section No. 3.</i>	
Solder , tinman's, soft lbs.	1½
<i>Section No. 7.</i>	
Groovers , tinman's, small	1
Irons , soldering, tinman's, large	1
Mallets , tinman's	1
Shears , tinman's, snip pair	1
<i>Section No. 13—C.</i>	
Cloths , sponge	4

(a) Description to be stated in demands

EXTRA TOOLS PER BATTERY FOR USE DURING PEACE ONLY.

Articles.	No.
WHEELERS' TOOLS.	
<i>Section No. 7.</i>	
Saws, tenon, 14-inch	1
SHOEING AND FORGE TOOLS.	
Cutters, anvil, half-round, farriers	1
Tongs, farriers' fire...	1 pair

XVI.—TELEPHONE EQUIPMENT.

Peace and War.

Articles.	For each Battery.		Remarks.
	Peace.	War.	
<i>Section No. 28—B.</i>			
Batteries, dry, torch	8†	16	
" " " (spare)	...	16	
Batteries, inert:—			
2-cell (<i>b</i>)	1†	1	
2-cell (<i>b</i>) (spare)	1	1	
Bulbs, 3·5 volt P	...	16	
Cables, electric:—			
D. 2, mark IV. † miles	6†	6	
D. 3, " twisted " "	$\frac{1}{2}$	...	
D. 8, " " " "	$\frac{1}{2}$	...	
Cells, inert:—			
Q (<i>c</i>)	4†	4	
Q (<i>c</i>) (spare)	4	4	
S (<i>d</i>)	24†	26	
S (<i>d</i>) (spare)	24	26	
Detectors, Q and I	2	2	
Cases	2	2	

† For peace training only, not available for war.

(b) For Telephone set No. 44A.

(c) For Telephone sets No. 110.

(d) 4 for each Fullerphone and 2 for each Telephone set D Mark III or IV

Telephone Equipment—continued.

Articles.	For each Battery.		Remarks.
	Peace	War.	
Section No. 28—B—continued.			
Reels, cable, No. 1	10†	8	
" " No. 2	12†	12	
Spindles	8	8	
Rivets (spare)	9	9	
Springs	2	2	
Strips, terminal, 8-pair	1	1	
Tape, insulating, $\frac{3}{4}$ -inch ... lb.	1 (b)	1	
Torches, hand (with Bulb 3-5-volt P) ...	8	16	
Section No. 29—A.			
Apparatus, cable, laying, R.A. ... sets	2	2	
Bars, carrying, reel, cable, No. 1	2	2	
Belts, lineman, leather	(g)	(g)	
" reels, cable No. 2	6	6	
sockets	6	6	
Boxes, spare cell, large	1	1	
" tin, japanned (or wood, polished), stationery, Unit B.	...	1	
Buckets, reel, cable, No. 2	6	6	
Cases, microphone, capsule	1	1	
Climbers, pole pairs	2	2	
Counters, bone	20	20	
Ear-cushions, telephone	8	11	
Frogs, pliers, side-cutting, 8-inch ...	(a)	(a)	
Fullerphones, Mark III.*	2	2	
Labels, line "G"	50 (b)	200	
Microphones, capsule, Mark I.	6	9	
Pins, earth, small	8	11	
Sticks, crook jointed, Mark II. ... sets	2	2	
Straps	2	2	
Switch, Units, buzzer, 7 + 3	1	1	

† For peace training only, not available for war.

(a) 1 for each signaller.

(b) Annually.

(g) 1 for each signaller.

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B

Telephone Equipment—continued.

Articles.	For each Battery.		Remarks.
	Peace.	War.	
Section No. 29—A—continued.			
Telephone sets—			
No. 44A	1	1	
No. 110	2	2	
D, Mark III (or IV)	8	9	
N.I.V.			
Pouches, lineman, filled (Contents of pouches, lineman)	1	1	
Section No. 7.			
Screwdrivers, watchmakers { $\frac{1}{4}$ inch ...	1	1	
{ $\frac{1}{8}$ „ ...	1	1	
Section No. 28—B.			
Nippers, side-cutting, 5-inch ... pairs	1	1	
Section No. 29—A.			
Cases, tools, telegraph instrument ...	1	1	
Cleaners, contact, telegraph instrument	1	1	
Pins, adjusting, 4-inch	1	1	
„ „ 2 $\frac{1}{2}$ „ stout	1	1	
„ „ 2 $\frac{1}{2}$ „ fine	1	1	
Pliers, side-cutting, 5-inch ... pairs	1	1	
Tweezers, small	1	1	
R.A.C.D.—Pimlico Section No. 26.			
Scissors, button-hole pairs	1	1	

XVII.—HOTCHKISS MACHINE GUNS.

Detail and particulars of Hotchkiss machine guns allowed for a Royal Horse Artillery Battery and Ammunition Column.

Royal Horse Artillery Battery :—	No. of Guns.
Peace	1
Mobilisation charge	3
War scale	4
Brigade Ammunition Column, Headquarters	2

Description of Stores.	Battery.		Ammuni- tion column.
	Peace.	War.	
<i>Section No. 16—B.</i>			
Bags , spare parts and tools, M.G., filled, Hotchkiss, '303-inch (a)	1	4	2
Boxes :—			
Ammunition feed strips, Hotchkiss '303-inch M.G.... ..	4	16	8
Machine filling ammunition feed strips, Hotchkiss '303-inch, M.G.	1	1	1
Guns , machine, Hotchkiss, '303-inch :—			
Mark I*	1	4(b)	2(c)
Barrels	(f)	2(d)	—
" spare	—	4	2
Gauges, protrusion of firing pin	1	1	—
Sights, A.A., back	1	2	2
" " fore... ..	1	2	2
Tools, re-sizing, ammunition belts and feed strips	1	1	1
Holders , Hotchkiss, '303-inch M.G., mounting, tripod A.A.	1	2	2
Indicators , range, stadia, M.G.	1	2	2
Machines , filling ammunition feed strips or belts, Hotchkiss '303-inch M.G.	1	1	1
Mountings , tripod :—			
A. A. Lewis or Hotchkiss, '303-inch M.G. Hotchkiss, '303-inch M.G., Mark II ...	1	2	2
Hotchkiss, '303-inch M.G., Mark II ...	1	4	2
Shackles , mounting, tripod :—			
Hotchkiss, '303-inch M.G. (e)	2	8	4
Strips , feed, ammunition, Hotchkiss, '303-inch M.G., 80 rounds	40	160	80
<i>Section No. 19.</i>			
Covers , breech, Hotchkiss, '303-inch, M.G.	1	4	2

(a) The contents are detailed on page 36.

(b) Two are for ground and two for A.A. defence.

(c) For A.A. defence.

(d) These replace the barrels in use with peace guns, on mobilization.

(e) To be kept assembled to tripod mountings and spare barrels.

(f) See E.R. Part I.

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**DETAIL OF CONTENTS OF BAG, SPARE PARTS AND
TOOLS, M.G. HOTCHKISS, '303-INCH.**

DESCRIPTION OF STORES.

Section No. 16—B.

	No. for each Gun.
Boxes, tin, small parts, M.G.	1
Cans, oil, M.G.	1
Guns, machine, Hotchkiss '303-inch:—	
Brushes, cleaning	1
Cleaners, gas cylinder	1
Covers, sight, fore	1
Ejectors	1
Extractors	1
„ hand	3
Keys, ejector	1
Pins, firing	2
Rods, cleaning bore	1
Screws, locking	2
Sights, fore (a)	2
Springs:—	
Cartridge stop	1
Ejector	1
Extractor	2
Feed, No. 2	2
Recoil	1
Sear	2
Washers, spring, back-sight	6
Wrenches, dismounting	3(b)
Hammers, M.G.	1
Punches, No. 3, M.G.	1
Reflectors, mirror, '303-inch, M.G.	1
Screwdrivers, large, M.G.	1

Weedon Section—A.

Pull-throughs, '303-inch arms:—

Gauze, wire	pieces	4
Double		2

Weedon Section—C.

Brushes, hard, armourers	1
--	---

(a) Of heights corresponding with those fitted to the barrel in the gun, and spare barrel, respectively.

(b) One to be carried in pocket on gun butt.

2.—DETAILS OF EQUIPMENT.

I.—BRIGADE HEADQUARTERS.

Arms.

TABLE 1.	General Proportions.	
	Peace.	War.
<i>Weedon Section—A.</i>		
Bottles, oil	...	1 for each rifle.
Pistols, revolver, '455-inch, Webley, Mark VI.	1 for each warrant officer Class 1.	1 for each warrant officer Class 1 and orderly.
Protectors, muzzle, No. 3, Mark I	...	1 for each rifle.
Pull-throughs, '303-inch arms	...	1 for each rifle.
Rifles, short, M.L.E., Mark III	...	5 for each headquarters.
Rods, cleaning, pistol, Webley, No. 2.	1 for each pistol	1 for each pistol.
Swords {	cavalry, patt. '08 I* ...	1 for each warrant officer Class 1 and trumpeter.
	staff-serjeants ...	1 for each staff-serjt. clerk.
Scabbards, swords {	staff-serjeants ...	1 for each staff-serjt's sword.
	cavalry, patt. '08 Mark I	1 for each cavalry sword.
	"Sam Browne,"	1 for each warrant officer Class 1
	M.S. ...	...
<i>Weedon Section—C.</i>		
Clams, armourers', standing vice	1 for each headquarters.	As for peace.
Corks, clam		
Tools, clearing, '303-inch arms:—		
Bits, screw		
Bushes, bit, screw		
Rods, No. 2		

Accoutrements.

TABLE 2.	General Proportions.	
	Peace.	War.
<i>Section No. 1—A.</i>		
Bags, ration (a)	1 for each	1 for each
{ waist, sword, "Sam Browne."	warrant officer, Class 1.	warrant officer, Class 1.
Belts { shoulder, sword, "Sam Browne."	2 for each warrant officer, Class 1.	2 for each warrant officer, Class 1.
Belts, waist, buff, M.S., O.R. ...	1 for each trumpeter.	... ..
Belts, waist, buff, warrant officer, artillery	1 for staff sergeant clerk	... ..
Bottles, water, enamelled ...	1 each for all ranks.	1 each for all ranks.
Carriers, water-bottle, with shoulder strap.	1 for each water-bottle.	1 for each water-bottle.
Cases, pistol, "Sam Browne" ...	1 for each warrant officer, Class 1.	1 for each warrant officer, Class 1.
" " Webley, with leather loop.	1 for each pistol except warrant officers, Class 1	1 for each pistol except warrant officers, Class 1
Frogs, belt, waist, "Sam Browne"	1 for warrant officer, Class 1	... ..
Frogs, cutter, wire, folding ...	... ..	1 for each wire cutter.
Straps, { with buckle ... ..	... ..	} 1 for each frog.
{ with stud ... ..	... ..	
Haversacks, O.S.	1 each for all ranks	1 each for all ranks.
Helmets, steel	1 for each officer, warrant officer, N.C.O. and man.	1 for each officer, warrant officer, N. C. O. and man.
Knots, sword, buff, D.S.	1 for staff sergeant's sword	... ..
Knots, sword, buff, M.S.	1 for each cavalry sword	... ..
Lanyards, pistol	1 for each pistol	1 for each pistol.
Pouches, ammunition, pistol, "Sam Browne."	2 for each warrant officer, Class 1.	2 for each warrant officer, Class 1.
Pouches, ammunition, pistol, Webley, with leather loop.	... ..	2 for each pistol, except warrant officers, Class 1.
Slings, rifle, web ... ..	... ..	1 for each rifle.

(a) See E. R. Part I.

Accoutrements—continued.

TABLE 2—continued.

		General Proportions.	
		Peace.	War.
<i>Section No. 1—A—continued.</i>			
Straps , brown, mess tin, M.S. ...		1 for each mess tin, M.S.	1 for each mess tin, M.S.
Straps , steadying, "Sam Browne" ...		1 for each warrant officer, Class 1	... ..
Thongs , leather, 8½-inch... ..		1 for each whistle artillery	1 for each whistle artillery
Tins , mess { D.S.		For R.A. clerk	For R.A. clerk.
	{ M.S.	1 for each mounted warrant officer, N.C.O. and man	1 for each mounted warrant officer, N.C.O. and man.
Whistles , artillery		1 for each warrant officer, staff-serjt. and serjeant except artificers and clerks.	1 for each warrant officer, staff-serjt. and serjeant except artificers and clerks
Web equipment , patt. '08—		1 for each haversack, O.S.	1 for each haversack, O.S.
Braces, with buckle			
Bandolier equipment, patt. 1903 :—			
Bandoliers, 50 rounds		1 for each N.C.O. and man (except clerk) and those armed with a pistol.	1 for each N.C.O. and man (except clerk) and those armed with a pistol.
Belts , waist		1 for each man armed with pistol and R.A. clerks except warrant officers, Class 1.	1 for each man armed with pistol and R.A. clerks except warrant officers, Class 1.
Covers , mess tin, D.S.		1 for each mess tin, D.S.	1 for each mess tin, D.S.
Straps , greatcoat		1 for each clerk	

Musical Instruments.

TABLE 3.

		General Proportions.	
		Peace and War.	
<i>Section No. 1—B.</i>			
Bugles		1 for each trumpeter.	
Strings , bugle and trumpet, Royal		1 for each bugle, and 1 for each trumpet.	
Trumpets		1 for each trumpeter.	

Harness and Saddlery. (a)

TABLE 4.	Peace.	War.
HARNESS.		
<i>Section No. 5—A.</i>		
Harness, P.D.G.S.—		
Lead ... double sets ..	2 for each 6-horsed vehicle, 1 for each 4-horsed vehicle.	2 for each 6-horsed vehicle, 1 for each 4-horsed vehicle.
Lead, near ... single sets ...	—	1 for each officers' mess cart.
Wheel ... double sets ...	1 for each vehicle with pole draught.	1 for each vehicle with pole draught.
Harness, shaft, draught, sets off	—	1 for each officers' mess cart.

(a) For details of sets of harness and saddlery, see Part I, Equipment Regulations.

For War a reversible bit, rein, head collar, surcingle and head bridle will be issued for each horse not equipped with a set of harness or saddlery.

Harness and Saddlery—continued.

TABLE 4—continued.	War.	Peace.	Remarks.
SADDLERY.			
<i>Section No. 6—A.</i>			
Officers sets	4	3	
Universal, R.A. ... sets	13	1	
Blankets, saddle	(c)	—	

(c) 1 for each horse except when issued with H. and S.

Harness and Saddlery—Miscellaneous Articles and Stable Necessaries.

TABLE 5.	General Proportions.	
	Peace.	War.
<i>Section No. 5—A.</i>		
Bags , nose, patt. '16 small ...	1 for each horse	1 for each horse.
Brushes {	dandy ... (a)	
	harness, hard ...	1 for each double set of harness.
	horse... (b)	1 for each horse.
Clippers , horse ...	See Equipment Regulations, Part I.	See Equipment Regulations, Part I.
Combs , curry ...	{ 1 for each horse	{ Nil.
Rubbers , horse ...	(b)	{ 1 for each horse.
Sponges , 7 drachms (or 1 oz.) ...	1 for each set of harness and 1 for each set of saddlery (b)	—

(a) See Part I, Equipment Regulations.

(b) Annually.

Transport.

For components, accessories, spare parts, wagon, and cart equipment of vehicles, see Part I, Equipment Regulations.

TABLE 6.

War.

Section No. 21—A.

Carts , officers' mess ...	1 for each headquarters.
Wagons , limbered, G.S.—	
Fore ...	3 for each headquarters.
Hind ...	3 for each headquarters.

Section No. 21—B.

Bags , armourers, bicycle (filled) (a) ...	1 for each headquarters.
Bicycles ...	2 for each headquarters, peace and war.

(a) For contents see Part I, Equip. Regs., which for convenience of units are also now detailed in War Equipment Tables.

Camp Equipment.

TABLE 7.	General Proportions.	
	Peace.	War.
<i>Section No. 2—A.</i>		
Appliances for the conveyance and storage of water S.S.— Troughs, waterproof, 600 gallons (without standards) ...	...	2 for each head-quarters.
Bags , picketing gear ...	...	2 for each head-quarters.
Boxes , stationery, field, small (a) ...	1 for each head-quarters.	2 for each head-quarters.
Hooks , reaping, large ...	...	2 for each head-quarters.
Kettles , camp, oval, 12 quarts ...	...	5 for each head-quarters.
Mallets , heel peg ...	...	2 for each bag picketing gear.
Nets , hay ...	...	1 for each horse.
Pads , surcingle ...	...	1 for each horse.
Pegs , picketing, with rope loop Mark II ...	1 for each 4 ft. 9 in. heel rope.	1 for each heel rope, plus 25 per cent. spare.
Ropes {	head, hemp, with ring ...	1 for each horse.
	heel, Mark IV ...	25 per cent. of the establishment of horses.
	picketing, 66-feet ...	3 for each head-quarters.
{	picketing, 4-ft. 9-in. ...	3 for each head-quarters.
	...	...
Rugs , horse (b) ...	...	1 for each horse.
Sheets , ground ...	...	1 for each warrant officer, N.C.O. and man on mobilization.

(a) War. Filled with army books, forms, &c., forms and books (except books of regulations) will be held with the mobilization equipments. Books of regulations, amended to date, will be provided from those in peace use.

(b) See para. 226 Equipment Regs., Part I,

Camp Equipment—continued.

TABLE 7—continued.

TABLE 7—continued.	General Proportions.	
	Peace.	War.
<i>Section No. 13—A.</i>		
Blankets, S.S. or G.S. ...	...	1 for each warrant officer, N.C.O. and man. Will be provided by R.A.O.C. on mobilization.

Ordnance and General Stores.

TABLE 8.

TABLE 8.		General Proportions.	
		Peace.	War.
<i>Section No. 7.</i>			
Brushes	$\left\{ \begin{array}{l} \text{hair, flat, } \frac{1}{2}\text{-inch } \$ \dots \\ \text{,, ,, 1-,, } \$ \dots \\ \text{watchmakers' } \$ \dots \end{array} \right.$	$\left. \begin{array}{l} 1 \text{ } \left\{ \begin{array}{l} \text{for each} \\ \text{head-} \\ \text{quarters.} \end{array} \right. \end{array} \right\}$	1 for each head-quarters.
Chests, tools, screw cutting, B.S.W. thread, Mark IV "C," $\frac{1}{2}$ -inch to $\frac{5}{16}$ -inch, filled (a)...		1 for each head-quarters.	1 for each head-quarters.
Dies	$\left\{ \begin{array}{l} \frac{1}{2}\text{-inch} \dots \\ \frac{3}{16} \text{,,} \dots \end{array} \right.$	1 1	
Spanners, D.	...	1	
Stocks, D.	...	1	
Taps	$\left\{ \begin{array}{l} \frac{1}{2}\text{-inch, } \left\{ \begin{array}{l} \text{taper} \dots \\ \text{second} \dots \\ \text{plug} \dots \end{array} \right. \\ \frac{3}{16} \text{,,} \left\{ \begin{array}{l} \text{taper} \dots \\ \text{second} \dots \\ \text{plug} \dots \end{array} \right. \end{array} \right.$	$\left. \begin{array}{l} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \end{array} \right\}$	1 for each head-quarters.
Wrenches, "D"	...	1	
Vice, bench, parallel, 12-lbs.	...	1	
Chests, tool, filled armament artificers' R.H. and R.F. Artillery (a)		1 for each head-quarters.	1 for each head-quarters.
Carborundum, 3-inch stone No. 149.		1 for each head-quarters.	1 for each head-quarters.

§ For use in conjunction with the "Tools, No. 7, dial sight."

(a) See detail, pages 22 and 23.

Ordnance and General Stores—continued.

TABLE 8—continued.	General Proportions.	
	Peace.	War.
Section No. 7—continued.		
Cutters, wire, folding	...	2 for each head-quarters.
Eyeglasses, §	1 for each head-quarters.	1 for each head-quarters.
Files, smooth, flat, 6-inch §	1 for each head-quarters.	1 for each head-quarters.
" " round, 4-inch §	1 for each head-quarters.	1 for each head-quarters.
Grindstones, F.S., 14-inch ...	1 for each head-quarters.	1 for each head-quarters.
Pliers, flat nose §... .. pairs	1 } for each head-quarters.	1 for each head-quarters.
" round nose § "	1 }	
Section No. 8—D.		
Protractors, semi-circular, celluloid, special 8-inch.	...	2 for each head-quarters.
Protractors, air photograph ...	...	1 for each head-quarters.
Scales, mathematical, boxwood 12-inch., I.P.	...	1 for each head-quarters.
Section No. 9—B.		
Boxes, dubbing or mineral jelly, 2 lbs.	...	1 for each head-quarters.
Tins, oil, with screw top, $\frac{1}{2}$ pint (empty).	...	1 for each rifle.
Section No. 10—A.		
Nails, horse-shoe (b)	...	...
Shoes, horse (b)	...	...
Section No. 11.		
Lamps, hurricane... ..	...	3 for each head-quarters.

§ For use in conjunction with the "Tools, No. 7, dial sight."

(b) Peace requirements see Equipment Regulations, Part I. For war 50 per cent. of the establishment of horses are allowed shoes, according to the scales shown in para. 32, p. 11. Full particulars regarding the number of shoes and sizes which units will hold on mobilization charge, are given in War Equipment Table.

Ordnance and General Stores—*continued.*TABLE 8—*continued.*

	General Proportions.	
	Peace.	War.
<i>Section No. 12.</i>		
Handcuffs, common ... pairs	...	1
Balances, spring, 30-lb (b) ...	...	1
Bowls, hand ...	...	1
Forks, flesh ...	...	1
Implements, butchers:—		
Choppers, meat ...	...	1
Knives, cutting ...	...	1
Knives, flaying, large ...	...	1
Saws, tenon, 14-inch ...	...	1
Sheets, ground (U) ...	...	1
Teels ...	...	1
Knives, cooks, 9-inch (c) ...	...	1
Knives, cooks, 6-inch (c) ...	...	1
Knives, opening tin ...	...	2
Ladles, cooks, F.A. ...	...	1
Machines, mincing, tinned, iron		
small ...	...	1
<i>Section No. 13—C.</i>		
Stretchers, ambulance ...	...	2 for each head-quarters.
<i>Section No. 14.</i>		
Plane, testing, carrier No. 7 dial sight.	1 for each headquarters.	1 for each head-quarters.
<i>Section No. 15—B.</i>		
Binoculars { prismatic, No. 2, or No. 3	1 { for each head-quarters.	1 { for each head-quarters.
Instruments, angle of sight ...	1 for each headquarters.	1 for each head-quarters.
Periscopes, No. 14 ...	...	1 for each head-quarters.
Protractors, arc ...	1 for each headquarters.	1 for each head-quarters.

(b) When available, 100-lb. will be issued till then.

(c) Knives, cutting in lieu, till those shown are available.

Ordnance and General Stores—*continued.*

TABLE 8— <i>continued.</i>	General Proportions.	
	Peace.	War.
<i>Section No. 15—B—continued.</i>		
Screwdrivers , Boley	1	1
" opticians	1	1
Tools , No. 7 dial sight:—		
No. 1	1	1
No. 2	1	1
No. 3	1	1
No. 4	1	1
No. 5	1	1
No. 6	1	1
No. 7	1	1
No. 16	1	1
Wrenches , adjusting, No. 7 dial, sight and carriers)	2	2
<i>Section No. 17—B.</i>		
Rimers , breech screw, Q.F., 13 and 18-pr.	1 for each headquarters	1 for each head- quarters (for
Wrenches , breech mechanism, No. 77, Marks II or III	(for artificer).	artificer).
<i>Section No. 21—A.</i>		
Covers , short rifle	...	1 for each rifle, for vehicles fitted for carrying rifles.
Holdalls , implements butcher	...	1 for each head- quarters.
<i>Section No. 27—A.</i>		
Cartridges , small arm ball, '303- inch cordite	50 rounds for each bandolier.	50 rounds for each bandolier.
Cartridges , small arm, ball, Revolver '455-inch	36 rounds for each revolver.	48 rounds for each revolver (a).
<i>Section No. 29—B.</i>		
Barometer , aneroid, 4½-inch	1 } for each	1 } for each head-
Stereoscope , No. 1	1 } head-	1 } quarters.
Thermometers , survey	1 } quarters.	1 }

(a) Complete boxes will be stored.

† Materials for repair for use by Artificers.

(To be carried in the "Chest, tool, filled, Armament Artificers, R.H. and R.F. Artillery." One set for each brigade.)

TABLE 9.	Material.	Purpose for which required.	Peace and War.
Section No. 3.			
Brass, round—	...	...	2 lengths
$\frac{1}{8}$ -inch (18-inch lengths)	...	...	2 "
$\frac{3}{8}$ " {	...	...	2 "
$\frac{1}{4}$ " {	...	...	...
Brass, sheet—	...	...	...
2-ft. x 2-in., No. 10 S.W.G.	...	...	2 piece
2 " x $\frac{3}{4}$ -in., " 14 "	...	...	2 "
2 " x $\frac{1}{2}$ -in., " 19 "	...	...	2 "
1 square ft., No. 28 S.W.G....	...	...	1 sq. ft.
1 " " " 22 "	...	...	1 "
1 " " " 20 "	...	...	1 "
1 " " " 17 "	...	...	1 "
Solder, tinmans', soft ...	...	...	2 lbs.
Steel, mild—	...	...	...
Round { $\frac{1}{8}$ -in. (12-in. lengths)	...	...	6 lengths
" { $\frac{3}{8}$ " (18 ")	...	...	5 "
Sheet, 2 ft. x 1 ft.—	...	...	...
No. 10 S.W.G. ...	...	...	1 piece
" 14 " ...	...	...	1 "
" 19 " ...	...	...	2 pieces

† These stores will be demanded as may be necessary from time to time to ensure that the supply in the chest does not fall below 50 per cent. of the full complement.

Materials for repair for use by Artificers—continued.
One set for each brigade, &c.—continued.

TABLE 9—continued.

Material.	Purpose for which required.	Peace and War.
<i>Section No. 3—continued.</i>		
Steel, rods, bright—		
E		1 lb.
No. 11...	Tools, pins of sighting gear, &c.	1 "
" 36		1 "
Steel, rods, bright, assorted sizes		2 lbs.
Steel, tool—Grade "B"—		
Flat, 2-in. x 4-in. (12-in. lengths)		2 lengths
Tin, sheet { D x 14-ins. x 10-ins. ...		2 sheets
Wire, ordinary—		1 sheet
Brass, soft, No. 3 S.W.G. (12-in. lengths)		2 lengths
" " 12 " " (12 " ")		2 "
Copper, soft, No. 16 S.W.G.		1 lb.
Phosphor bronze, No. 11 S.W.G. (12-in. lengths)		2 lengths
Steel, soft, No. 3 S.W.G. (12-in. lengths)		4 "
" " 6 " (12 " ")		1 length
" " 8 " (12 " ")		2 lengths
Zinc, alloy, for brazing		1 lb.
	For brazing	
	Rivets, for rod connecting firing gear, &c.	
	Rivets, &c.	
	Staples, rivets, screws, &c.	
	S-hooks, spiral springs, &c.	
	Lashing wire netting	
	Rivets, protector, front of cradle	
	General use	
	For liners, &c.	
	Small spanners, tools, &c.	
	For liners, &c.	
	Pins, sight clinometer, &c.	
	Tools, pins of sighting gear, &c.	

Section No. 9—A.									
Borax	...	...	...	...	For brazing	...	...	...	1 lb.
Plaster of Paris, coarse	...	...	...	...	Fixing bubbles	...	...	...	4 ozs.
Zinc, chloride of, solution	...	...	...	...	For soldering	...	...	...	1 pint
Section No. 9—B.									
Bottle, stone, 1-pint	...	...	...	...	For zinc chloride solution	...	...	...	1
Section No. 10—A.									
Nuts, hexagon, $\frac{1}{2}$ -inch...	...	...	...	...	Spindle, range, drum	...	...	...	3
Plins, keep, split §—	...	...	...	...	Brake blocks and nut rod actuating brake	...	...	...	12
$\frac{1}{2}$ -in. x 5-ins...	...	...	...	...	Cap lower elevating screw, cap wheel	...	...	...	12
$\frac{1}{8}$ " x 3 " "	...	...	...	...	Traversing gear, stud, retaining stuffing box	...	...	...	12
$\frac{1}{8}$ " x 2 $\frac{1}{2}$ " "	...	...	...	...	Sighting brackets, screws, clamping, &c.	...	...	...	18
$\frac{1}{8}$ " x 1 $\frac{1}{4}$ " "	...	...	...	...	Nuts, bolt, clamping sight bar	...	...	...	12
$\frac{1}{8}$ " x $\frac{3}{4}$ " "	...	...	...	...	Leather tool cases	...	...	...	12
Rivets, copper, flat-head, tinned—	...	...	...	...	Leather cover of traversing lever handle	...	...	...	12
$\frac{1}{8}$ -in. x 2 $\frac{1}{2}$ -ins. (with washers)	...	...	...	...	Pad clip traversing lever, &c.	...	...	...	12
$\frac{1}{8}$ " x 2 $\frac{1}{2}$ " (")	...	...	...	...	Leather cases on shield	...	...	...	12
$\frac{1}{8}$ " x 1 $\frac{1}{4}$ " (")	...	...	...	...	Advance loops and shield bolts	...	...	...	60
$\frac{1}{8}$ " x 1 $\frac{1}{4}$ " (")	...	...	...	...					
Washer, spring, $\frac{1}{2}$ -inch hole, single turn (a)	...	...	...	...					

† These stores will be demanded as may be necessary from time to time to ensure that the supply in the chest does not fall below 50 per cent. of the full complement.

(a) 20 for each Battery. When stock of "wires, locking, $\frac{1}{8}$ -inch nut" (Section No. 14) is exhausted.

§ To be shortened locally if required.

† Materials for repair for use by Artificers—continued.

One set for each brigade, &c.—continued.

TABLE 9—continued.

Material.	Purpose for which required.	Peace and War.
<i>Section No. 14.</i>		
Collars, steel, turned—		
1-2-in. dia., $\frac{3}{8}$ -in. hole, $\frac{1}{16}$ -in. thick...	Elevating screw ...	3
1-2 " " " " " "	Pinion handwheel lower and traversing screw	3
1-2 " " " " " "	Pinion spindle range indicator and stud shield	3
1-2 " " " " " "	pawl ...	3
1-2 " " " " " "	Pinion handwheel upper	3
1-25 " " " " " "	Bolts axletree flange and bolt connecting brake arm ...	3
Collars	Firing gear ...	6
arm, connecting, firing gear, Q. F. 13 and 18-pr., Marks I-II carriages		
lever, spring, firing gear, Q. F. 13 and 18-pr., Marks I-II carriages		
pin, fulcrum, firing gear, Q. F. 13 and 18-pr., Marks I-II carriages		6
Nuts, steel, hexagon, castellated:—		
$\frac{1}{2}$ -in. x $\frac{1}{16}$ -in. thick ...	Cover, top of elevating screw ...	3
$\frac{3}{8}$ " x $\frac{1}{16}$ " " " " " "	Pawl pin, lever, traversing	3
$\frac{1}{2}$ " x $\frac{1}{16}$ " " " " " "	Guard, gun layer...	3

† **Materials for repair for use by Artificers—continued.**
One set for each brigade, &c.—*continued.*

TABLE 9—continued.	Purpose for which required.	Peace and War.
Material.		
The undermentioned inflammable stores, if required, may be demanded from the nearest Ordnance Depot, or obtained locally as required.		
Section No. 9—A.		
Lacquer, pale gold ... ..	... ..	$\frac{1}{8}$ pint
Methylated spirit, industrial ... ..	... ..	$\frac{3}{4}$ pints
Oil, mineral, burning (<i>a</i>) ! ... ..	... ..	2 gallons
Solution, bronzing ... ..	... ..	$\frac{1}{8}$ -pint
	For use with brazing lamp in artificers' tool chest	{
		...
		...
		...
	For lacquer and bronzing solution	2
Bottles, stone, $\frac{1}{8}$ -pint ... ..	... ..	1
Bottles, tin, oil { 2 quarts ... ..	... ..	1
	For methylated spirits	...
	For oil mineral burning	...
Section No. 9—B.		

The undermentioned inflammable stores, if required, may be demanded from the nearest Ordnance Depot, or obtained locally as required.

† These stores will be demanded as may be necessary from time to time to ensure that the supply in the chest does not fall below 50 per cent. of the full complement.
(a) R.A.S.C. Supply.

2.—BATTERIES.

Arms.

TABLE 10.

	General proportions.	
	Peace	War.
<i>Weedon Section—A.</i>		
Bottles, oil	1 for each rifle.	1 for each rifle.
Discharges, grenade, Rifle :—		
No. 1, Mark I	2 for each battery	...
Screwdriver, Mark II	1 „ „ „	...
Pistols, revolver, .455-inch		
Webley Mark IV	1 each for B.S.M., B.Q.M.S., farrier- serjeant, and 6 serjeants (2 for each section).	} as for peace.
Pistols, signal, 1-inch	1 for each battery.	1 for each battery.
Protectors, muzzle No. 3 (b)	...	1 for each rifle.
Pull-throughs, .303-inch arms...	1 for each rifle.	1 for each rifle.
Reflectors, mirror, S.A., .303 inch	1 for each battery.	1 for each battery.
Rifles, short, M.L.E., Mark III (a) (c)	42	72
Rods, cleaning, pistol, Webley No. 2.	1 for each pistol	1 for each pistol.
Scabbards, sword, cavalry, patt. '08	1 for each cavalry sword.	...
Swords, cavalry, patt. '08 Mark I*	1 for each N.C.O. and man except drivers, and 1 for each trumpeter.	...

(a) This scale is for six gun battery.

(b) Fitted to the rifles, on mobilization.

(c) Fitted with swivels, piling Mark III.

Accoutrements.

TABLE 11.	General proportions.	
	Peace.	War.
<i>Section No. 1—A.</i>		
Bags, ration (b)	...	...
Belts, waist, buff, { S.S.	1 for each staff-serjt.	...
M.S. { O.R.	1 for each other N.C.O. and man, except drivers, and 1 for each trumpeter.	...
Bottles, water, enamelled	1 each for all ranks. (c)	1 each for all ranks. (c)
Carriers, water bottle with shoulder strap	1 for each water-bottle	1 for each water-bottle.
Caps, knee, musketry (a)	36 for each battery	...
Cases, pistol, Webley, with leather loops	1 for each man armed with a pistol	1 for each man armed with a pistol.
Cases, pistol, signal	1 for each battery	1 for each battery.
Frogs, cutter, wire, folding	1 for each wire cutter	1 for each wire cutter.
Straps { with buckle	} 1 for each frog	1 for each frog.
with stud		
Haversacks, O.S.	1 each for all ranks (c)	1 each for all ranks. (c)
Helmets, steel	1 each for all ranks	1 each for all ranks.

(a) For use at gun drill.

(b) See Equipment Regulations, Part I.

(c) Except officers.

Accoutrements—continued.

TABLE II—continued.	General proportions.	
	Peace.	War.
<i>Section No. 1—A—continued.</i>		
Knots , sword, buff, M.S.	1 for each cavalry sword	
Lanyards , pistol	1 for each pistol	1 for each pistol.
Pouches , ammunition, pistol, Webley, with leather loop	2 for each pistol	2 for each pistol.
Slings , rifle web	1 for each rifle	1 for each rifle.
Straps , brown, mess tin, M.S.	1 for each mess tin and 5 per cent. spare	1 for each mess tin.
Thongs , leather 8½ inch	1 for each whistle	1 for each whistle.
Tins , mess, M.S.	1 for each N.C.O. and man and 5 per cent. spare	1 for each N.C.O. and man.
Whistles , Artillery	1 for each warrant officer, staff-serjt. and serjt.	1 for each warrant officer, staff-serjt. and serjt.
Web equipment , patt. '08:— Braces, with buckle	1 for each haversack O.S.	1 for each haversack O.S.
Bandolier equipment , patt. '03:— Bandoliers, 50 rounds	1 for each N.C.O. and man not armed with a pistol	1 for each N.C.O. and man not armed with a pistol.
Belts , waist	1 for each N.C.O. and man with a pistol	1 for each N.C.O. and man with a pistol.

Materials for repair of Bandolier Equipment and water-bottles as detailed in Equipment Regulations, Part 1.

Musical Instruments.

TABLE 12.	General proportions. Peace and War.
<i>Section No. 1—B.</i>	
Bugles	1 for each trumpeter.
Strings , bugle and trumpet, Royal	1 for each bugle and 1 for each trumpeter.
Trumpets	1 for each trumpeter.

Harness and Saddlery. (a)

TABLE 13.	For each battery.	
	Peace.	War.
HARNESS.		
<i>Section No. 5—A.</i>		
Harness, P.D., G.S. :—		
Lead, double sets	2 for each 6 horsed vehicle 1 for each 4 horsed vehicle.	2 for each 6 horsed vehicle, 1 for each 4 horsed vehicle.
Lead, near single sets ... ..	... ..	1 for each officers mess cart, when 2 horses allowed.
Wheel, double sets	1 for each vehicle with pole draught.	1 for each vehicle with pole draught.
Harness, shaft draught, sets off	... ..	1 for each officers' mess cart.
<i>Section No. 6—A.</i>		
SADDLERY.†		
Officers sets	5	6
Universal, R.A. „	65	107
Blankets, saddle	...	(b)

(a) For details of sets of harness and saddlery, see Part I, Equipment Regulations.

For War a reversible bit, rein, head collar, surcingle and head bridle will be issued for each horse not equipped with a set of harness or saddlery.

(b) 1 for each horse except when issued with H. and S.

† This scale is applicable to R.H.A. Brigade with Cavalry Division. For other R.H.A. Units a set of officers' saddlery will be allowed for each officers' charger, and a set of Universal saddlery, at the rate of 1 set for each riding horse according to the establishment. At the time of going to press the information is not available.

Harness and Saddlery.

TABLE 14.

Peace.

Spare for
each battery.

Section No. 2—A.

Ropes , head, hemp, with ring, Mark IV ...	...	...	4
---	-----	-----	---

Section No. 5—A.

Breechings ...	...	...	1
Collars , breast ...	...	...	1
Leggings , drivers ...	...	...	2
Neck pieces , pole bar ...	...	...	12(d)
Pans , oil ...	...	...	2(a)
Reins , driving, long ...	...	sets	1(b)
Rings , rein, driving ...	...	...	4(b)
Straps , neck ...	...	...	1
Traces , wire { short ...	...	...	12(c)
{ wheel ...	...	...	1
Whips { drivers ...	...	...	3
{ driving ...	...	...	1(b)

Section No. 6—A.

Bits , portmouth reversible ...	...	...	7
Heads , bridle ...	...	...	2
Blankets , saddle ...	...	...	2
Chains , curb ...	...	...	4
Collars , head ...	...	...	2
Girths , leather, patt. '84 ...	...	...	2
Hooks , curb, portmouth bit, reversible ...	...	...	8
Leathers , stirrup ...	...	...	2
Stirrups ...	...	...	2
Surcingles , leather ...	...	...	2

(a) Annual supply.

(b) 1 set of reins, 4 rings, and 1 whip are allowed for peace for G.S. wagon, in order that the latter may be driven from the box if required.

(c) 16 for lower establishment batteries.

(d) Also for war; 2 on each gun carriage limber.

Harness and Saddlery—Miscellaneous Articles and Stable Necessaries.

TABLE 15.		General proportions.	
		Peace.	War.
<i>Section No. 5—A.</i>			
Bags , nose, patt. '16, small ...	...	1 for each horse and 4 spare for each battery	1 for each horse.
Boots , remount	...	10 per cent. of establishment of horses.	
Brushes { harness, hard dandy (a) ... horse... ..	...	{ 1 for each double set of harness annually 1 for each horse annually	1 for each double set of harness.
	...		
	...		1 for each horse.
Clippers , horse (a)	...		
Combs , curry	...	1 for each horse annually	1 for each horse.
Rubbers , horse	...	1 for each horse annually	1 for each horse.
Scissors , trimming ... pairs	...	12 for each battery	
Sponges , 7-drachms (or 1 oz.) ...	...	1 for each set of harness and 1 for each set of saddlery annually	
Straps , kicking (b)	...	1 for each battery	
Equitation articles (c) ... sets	...	2 " "	
Crosstrees	...	1 " "	
Pads , vaulting	...	6 " "	
<i>Section No. 6—A.</i>			
Buckets , rifles, cavalry	...	6 for each battery	6 for each battery.

(a) See Part I, Equipment Regulations.

(b) Special to pole draught.

(c) For detail of sets see Part I, Equipment Regulations.

HARNESS AND SADDLERY, &c.

Materials for preservation and repair of harness and saddlery, including saddletrees, are given in Part I, Equipment Regulations.

Carriages, &c.

For components, accessories, spare parts, wagon and cart equipment of vehicles, see Part I, Equipment Regulations.

TABLE 16.

	War Equipment.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 14.</i>						
Apparatus, illuminating aiming points (f)	...	...	...	1	...	...
Apparatus, adjusting running-out springs, Q.F. 13-pr.	...	...	...	1	...	1(c)
Bars, supporting draught pole, No. 3	...	(spare)	...	1	...	...
Bar, testing, rocking bar, sights, Q.F. 13 and 18-pr.	...	...	...	2(d)	...	1
Bearings, nut, elevating, Q.F. 13 and 18-pr.	...	(spare)	...	...	...	...
Blocks, brake, field and transport	...	(")	...	...	...	8(b)
Box, bar testing, rocking bar sight, Q.F. 13 and 18-pr.	...	...	...	...	...	1
Boxes, packing rings, No. 1	...	...	...	2	...	...
Cans, lubricating, No. 3	...	...	...	2	1(e)	...

For each sub-section. (b) Carried as convenient. (c) To be carried on platform board of wagon. (d) Egypt only. (e) For each section. (f) For Batteries, dry, Y, see Section No. 28B, page 64.

Carriages, &c.—continued.

TABLE 16—continued.

	War Equipment.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 14—continued.</i>						
Caps, dust, 2nd class "C" capped wheels, No. 1 ...	...	1(e)	...	...	1(e)	...
Carriages, field, Q.F. 13-pr. (g) ...	...	...	6	...	...	6
Carrier, No. 7 dial sight, No. 2 ...	1	...	1(f)	1	...	1(f)
Case, tools, Q.F. 13 and 18-pr. Mark I carriage ...	1	...	...	1	...	...
Case, field clinometer, No. 1 ...	1(e)	...	...	1(e)	...	...
Case, spare parts, Q.F. 13 and 18-pr., Marks I and II field carriages ...	1	...	...	1	...	...
Case, No. 3 lubricating can ...	2	2	...	2	2	...
Cases, spare sight clinometer, Q.F. 13 and 18-pr. ...	...	...	1(c)	...	1(e)	1(c)
Catches, limber hooks, No. 2 ...	...	1(e)	...	...	...	...
Covers, apparatus, illuminating aiming point ...	1	...	...	1	...	...
Cover, apparatus, adjusting running out springs, Q.F. 13 and 18-pr. ...	...	1(b)	...	...	1(b)	...
Covers, eccentric, brake gear, carriages, Q.F. 13 and 18-pr., Marks I and III carriages ...	1	...	...	...	...	...
Funnels, filling cylinder, No. 1 ...	1	...	...	1	...	...

Carriages, &c.—continued.

TABLE 10—continued.

	War Equipment.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 14—continued.</i>						
Spindles , catch, limber hooks, No. 2	...	1(c)	...	...	1(c)	...
{ catch, limber and perch hooks	...	1	...	...	1	...
disc, No. 62	...	...	4	...	...	4
firing gear, Q.F., 13-pr.	...	...	4	...	...	4
Springs } shield pawl, Q.F., 13 and 18-pr. Marks I-II carriages	...	1(c)	...	...	1(c)	...
spiral, range gear, Q.F. 13 and 18-pr. Marks I-II carriages	...	...	12	...	...	6
plunger traversing lever Q.F. 13 and 18-pr. Marks I-II and 4.5 in howitzer carriages	...	...	2	...	...	2
Straps , securing—						
1-inch x 72-inch	...	1	...	...	1	...
1 " x 54 "	...	2	...	...	2	...
1 " x 48 " R.L.	...	8	...	...	8	...
1 " x 44 "	...	2	...	...	2	...
1 " x 36 " D.L.	...	1	...	...	1	...
1 " x 36 "	...	3	...	...	3	...
1 " x 30 "	...	8	...	...	8	...

Carriages, &c —continued.

TABLE 10—continued.

	War Equipment.			Peace.		
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.
<i>Section No. 21—A.—continued.</i>						
Collars, adjusting, 2nd class "C" capped wheels ...	(spare)	1	1	...	1	...
Holdalls, implements, butchers ...	...	...	...	...	...	...
Kitchens, travelling (a) ...	...	1	1	...	1	1(e)
Pins, lynch, 2nd class "C" capped wheels ...	(spare)	1	...	...	1	...
Swingletrees, No. 11 ...	(")	1	...	1	1	...
Wagons, G.S. (b) ...	...	...	...	...	...	2(d)
Wagons, limbered, G.S. (a) { Fore	...	...	1	...	...	...
Wagons, limbered, G.S. (a) { Hind	...	...	1	...	...	...
Washers, drag, 2nd class "C" capped wheels ...	(spare)	...	1	...	...	...
Bicycles ...	...	...	5	...	...	1

Section No. 21—B

(a) With spare parts, accessories and vehicle equipment as detailed in Part I Equipment Regulations, Appendix XV.

(b) Complete except for accessories, spare parts, and vehicle equipment.

(c) Not for Egypt.

(c) Egypt only.

TABLE 17.

TABLE 17.							
	War Equipment.			Peace.			Remarks.
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	
<i>Section No. 2—A.</i>							
Axes, felling, curved helve	1	...	7	1	...	...	
Bags, picketing gear	...	...	1	...	...	1	
Boxes, stationary, field, large (a)	12	6	...	12	6	...	
Buckets, water, G.S., canvas	1	1	...	1	1	...	
Hooks { bill	...	...	12	...	...	...	
{ reaping, large	...	...	8 (c)	...	...	...	
Kettles, camp, oval, 12-qts.	...	...	14	...	...	...	
Mallets, heel peg	...	...	...	...	...	...	
Nets, hay	...	...	...	...	...	...	
Pads, surcingle	...	...	...	...	...	...	1 for each horse (b).
Pegs, picketing, with rope loop, Mark II	...	...	...	...	...	...	1 for each horse (b).
							For war, 1 for each heel rope and
							1 for each 4 ft. 9 in. picketing
							rope. Peace, 1 for each 4 ft. 9 in.
							picketing rope.
							1 for each horse.
							25 per cent. of establishment of
							horses (b).
							1 rope for every 15 horses.
							1 for every 12 horses, peace and
							war.
Ropes							
{ head, hemp, with ring, Mark IV (d)	...	...	...	...	...	...	
heel, Mark IV	...	...	...	...	...	...	
{ picketing, 66-ft.	...	...	...	...	...	...	
{ picketing, 4-ft. 9-ins.	...	...	...	...	...	...	

a) See footnote "a," page 42.

(c) War only.

(d) Component of sets of harness and saddlery.

(c) Allowed for personnel who may be on detached duty.

Camp Equipment—continued.

TABLE 17—continued.

TABLE 17—continued.	War Equipment.			Peace.			Remarks.
	For each gun-carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun-carriage and limber.	For each ammunition wagon and limber.	For each battery.	
Section No. 2—A—continued.							
Rugs, horse	..	..	..	..	..	..	1 for each horse. War only, not stored with mobilization equipment.
Section No. 2—B.							
Sheets, ground	..	..	..	..	..	..	1 for each N.C.O. and man on mobilization.
Section No. 2—C.							
Axes, pick { heads, 4½-lb.	2	2	..	2	2	..	For each section.
Crowbars, 4-ft. 1-in.	1	2	..	1	2	..	
Shovels, G.S.	2	2	..	2	2	..	
Spades, Mark III	1	2	..	1	2	..	
Wedges, sawyer's	..	..	2	..	..	..	
Section No. 12.							
Stones, rub soythe	..	..	1	..	..	..	For technical vehicles. 1 for each N.C.O. and man. Not stored with mobilization equipment.
Section No. 13—A.							
Blankets { G.S.	2	4	..	2	4	..	
Blankets { G.S.	..	..	..	..	..	..	

TABLE 18.

Special Picketing Gear, for use in Egypt at Standing Camps and Manœuvres, is authorised in accordance with the following scale:—

Articles.	Scale.
Sandbags	2 for each horse.
Mallets, heel peg	1 for every 8 horses.
Mauls, G.S.	1 for every 50 "
Pegs, picketing	2 " each horse and 25 p.c. spare
Ropes { head	1 " " 10 " "
{ heel	4 " " 25 " "

Implements, Butchers'—War (e).**TABLE 19.**

		Scale of Issue.			
		200- 300 men.	100- 200 men.	50- 100 men.	25- 50 men.
<i>Section No. 12.</i>					
Balances, spring					
100-lb.	1	...	...	...	...
30-lb. (a)	...	...	...	...	1
Bowls, hand	2	2	1	1	1
Cleavers, 2-ft. 1-inch (c)	1	1	...	...	...
Forks, flesh	1	1	1	1	1
Implements, butchers'—					
Balances, spring, 4-lb.	2	1	1	...	...
Cases, wood, empty	2	1	1	...	...
Choppers, meat	2	1	1	1	1
Hooks, dressing 9-inch	12	6	6	...	...
Knives, { cutting	3	2	1	1	1
{ flaying, large	2	1	1	1	1
Saws, tenon, 14-inch	2	1	1	1	1
Sheets, ground (unserviceable) (f)	2	1	1	1	1
Steels	2	1	1	1	1
Steelyards, 56-lbs.	2	1	1	...	...
Knives { cooks, 12-inch	2	1	1	...	...
{ cooks, 9-inch (d)	3	2	1	1	1
{ cooks, 6-inch (d)	3	2	1	1	1
{ opening, tin	6	4	3	2	2
Ladles, cooks, F.A.	2	1	1	1	1
Machines, mincing, tinned iron—					
Large	1	1	...	...	...
Small	...	...	1	1	1
Saws, butchers. bow, 20-inch	1	1	1	...	...

(a) Balances spring 100-lb. will be allowed until 30-lb. balances are available.

(c) Choppers, meat will be issued in lieu until cleavers are available.

(d) Implements, butchers, knives, cutting will be issued in lieu if cooks' knives are not available.

(e) Implements for use in camp during peace to be demanded under Part I., Equipment Regulations.

(f) To place the cut-up meat upon. A chopping block, if required, must be improvised.

None of the above items will in future be allowed as vehicle equipment for "Carts, Officers mess," or with the Kitchens.

Ordnance and General Stores—continued.

TABLE 20—continued.

	War Equipment.		Peace.		Remarks.
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each gun carriage and limber.	For each ammunition wagon and limber.	
Miscellaneous Stores.					
STAMPS, MARKING, TEXTILES AND IRONS, BRANDING.					
Irons, branding—					
{ figures 0 to 8 ... sets	...	...	...	...	1
{ ½-in. { single letters (a) ...	...	...	...	...	1
{ single letters A to F ...	...	...	...	...	1
Stamps, copper inlaid +—					
{ single letters (a) ...	...	...	...	...	2
{ figures 0 to 8 ...	...	...	...	...	2
{ single letters A to F ...	...	...	...	...	1
Stamps, steel, for metal—					
{ single letters (a) ...	...	...	...	...	1
{ single figures 0 to 8 ...	...	...	...	...	1
{ ⅝-in. { dash lines ½-inch ...	...	...	...	...	1
{ single letters (a) ...	...	...	...	...	1
{ single figures 0 to 8 ...	...	...	...	...	1
{ ½-in. { letters, 1 letter alphabet ...	...	...	...	...	1

Ordnance and General Stores—continued.

TABLE 20—continued.

	War Equipment.			Peace.			Remarks.
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	
<i>Section No. 8—D.</i>							
Cases, compass, prismatic or mirror	..	..	2	..	..	2	
Compasses:—							
Beam, 26 inch	..	..	1	..	..	1	
Magnetic, plane table, Mark II	..	..	2	..	..	2	
Prismatic liquid (J)	..	..	2	..	..	2	A.C.I. 114/22.
Protractors:—							
Air, photograph	..	..	2	..	..	2	A.C.I. 580/23.
Semi-circular, celluloid, 8-inch special, Mark II	..	..	1	..	..	1	
Rules, sight, 16-inch (7)	..	..	1	..	..	1	
Scales, mathematical, boxwood, 12-inch, I.P.	..	..	2	..	..	1	
Straightedges, 36-inch	..	..	1	..	..	1	
Tables, plane, portable, Mark II	..	..	1	..	..	1	
Tapes, measuring metallic, woven, 100-feet	..	..	1	..	..	1	
Watches, stop, $\frac{1}{2}$ seconds	..	..	1	..	..	1	
N.I.V.	..	..		..	..		
Celluloid, sheet, 18-in. x 18 in. (transparent) sheets	..	..	2	..	..	2	For Plane Table

Section No. 9-A.

	For protection of bore and breech fittings.	1(a)
Graphite, lubricant	...	1
Grease, lubricating, for cool climates (a)	...	...
Mineral Jelly, red	...	9
Rangoon	...	1½
Oil { mineral (for buffers)	...	2
lubricating, G.S.	...	13
Tallow	...	1

Section No. 9-B.

Boxes, dubbing or mineral jelly, 2-lbs. ...	...	...	14	...	...	For mineral jelly, red.
Cylinders, paint, No. 3 ...	...	...	3	...	...	1 for each rifle.
Tins, oil, with screw top $\frac{1}{2}$ pint (empty) ...	...	...	...	...	...	War only.

Section No. 10-A

[illegible]

(c) Grease lubricating for hot climates will be used at all stations abroad.

(n) Grease lubricating for hot climates will be used at all stations abroad. The proportions will be replaced when certified necessary.

(b) To replace unserviceable, and to make good any leakages. f) For detached Sections in place of directors.

(c) For boxes containing artificers' tools.

Ordnance and General Stores—continued.

TABLE 20—continued.		War Equipment.			Peace.			Remarks.
		For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	
Section No. 10—A—continued.								
Shoes, horse (a)	...	...	...	...	...	1	...	
Valises, horseshoe	...	...	...	...	...	...	...	
Section No. 11.								
Brushes, water, carriage	...	...	1	1	...	...	...	
Lamps, hurricane	...	...	1	1	...	...	...	
Section No. 12.								
Machines, chaff-cutting	...	...	...	...	...	...	...	
Handcuffs, common	...	...	...	...	...	...	...	

Ordnance and General Stores—continued.

TABLE 20—continued

	War Equipment.			Peace.			Remarks.
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	
<i>Section No. 15—B—continued.</i>							
<i>Cables, No. 5 sight illuminating apparatus :—</i>							
No. 1 (c)	...	...	...	...	...	...	
No. 4 (e)	...	...	...	...	...	...	
No. 5 (c)	...	...	...	...	...	...	
<i>Case { No. 7 dial sight, and No. 2 carrier</i>	...	...	...	...	...	...	
<i>map Mk. I*</i>	1	1	1 (d)	1	1	1 (d)	
<i>Cases, stand { artillery, range-finder</i>	...	...	...	...	...	...	
<i>No. 6, director</i>	...	...	1	...	...	1	
<i>No. 4, director</i>	...	...	1	...	...	1	
<i>(telescope, field artillery</i>	...	...	2	...	...	2	
<i>Clinometer, field,</i>	1 (e)	...	1 (d)	1 (e)	...	1 (d)	
<i>Clinometer, sight</i>	1	...	...	1	...	...	
<i>Clips, lead (c)</i>	1	...	...	1	...	...	
<i>Cover, board, artillery, sector</i>	...	...	...	...	...	...	
<i>Directors { No. 4</i>	...	...	1	...	...	1	
<i>No. 6</i>	...	...	1	...	...	1	

Section No. 19.									
Boxes, lamp, siege, to hold 2	...	...	...	...	...	6	...	6	R.A.S.C. supply as required.
Brushes, breech screw	...	...	...	...	...	...	...	...	...
Candles, lamp siege	...	...	...	...	...	...	...	...	...
Cleaners { pisab, No. 20	...	...	...	...	...	...	...	...	...
{ wool, No. 1	...	...	...	...	...	...	...	...	...
Covers { breech, No. 1	...	...	...	...	...	...	...	...	...
{ muzzle, No. 4	...	...	...	...	...	...	...	...	...
Lamps, siege	...	...	...	...	...	12	...	...	...
Lashings, { 20-ft.	...	...	...	...	...	1(d)	...	...	...
{ 10-ft.	...	...	...	...	...	2	...	...	...
{ 1-in.	...	...	...	...	...	1	...	...	...
Ropes { drag, light, G.S.	...	...	...	...	...	...	...	...	...
{ " heavy	...	...	...	...	...	1	...	...	...
Sponges, field guns	...	...	...	...	...	...	...	1(b)	...
Section No. 20.									
Handspikes, common, 6-feet	...	...	...	...	...	1	...	...	...
Jacks, lifting, G.S.	...	...	...	...	...	...	...	6(b)	...
Section No. 21A									
Covers, short rifle	...	...	...	...	...	1	...	...	2 for each carriage
Section No. 23.									
Box, No. 1, percussion, primers	...	...	...	...	...	1	...	...	limber, 2 for each
Cartridges, { H.E., fuzed(e)	...	...	...	...	...	30	...	...	ammunition wagon
{ Q.F., 13-pr., { shrapnel, fuzed(f)	...	...	...	...	...	10	...	...	limber and 2 for
{ clips, cartridge, Q.F. No. 9	...	...	...	...	...	14	...	...	each limbered G.S.,
{ Implements, ammunition —	...	...	...	...	...	24	...	...	wagon carrying
{ Holders, cartridge, Q.F., 13-pr. and 12-pr. 4 cwt.	...	...	...	...	...	76	...	...	ammunition.
{ Keys, No. 27 (primer, 13 18-pr. and 12-pr. 4 cwt.)	...	...	...	...	...	...	...	...	...
{ Primers, percussion, Q.F., cartridges, No. 1 (spare)	...	...	...	...	...	2	...	2	...

(a) One for each section.

(b) Carried as convenient.

(c) 75 per cent. No. 106 D. or E., 25 per cent. No. 101 E. non-delay.

(d) For each ammunition wagon carrying a spare pole.

(e) For guns with Mark I breech screws.

(f) All No. 80 fuzes.

Ordnance and General Stores—continued.

	War Equipment.			Peace.			Remarks.
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	
<i>Section No. 26.</i>							
Implements, ammunition—							
Keys { No. 17.—Fixing Nos. 80, 83, 88 and 89 fuzes	4	4	6	4	4	6	
{ No. 18.—Setting Nos. 80, 83, 88 and 89 fuzes	4	4	6	4	4	6	
{ No. 53.—Fixing, No. 100 type fuzes...	4	4	6	4	4	6	
<i>Section No. 27—A.</i>							
Cartridges, small arm, ball, revolver .455-inch	4	4	(a)	4	4	6	
Cartridges, small arm, ball, .303-inch, cordite— (personnel) (machine guns)	4	4	(f) (d)	4	4	6	
Batteries, dry "Y" (h)	3	4	6	3	4	6	
Clips...	4	4	6	4	4	6	
<i>Section No. 28—B.</i>							
Batteries, dry "Y" (h)	3	4	6	3	4	6	
Clips...	4	4	6	4	4	6	

Batteries, dry, torch (g) ...	...	...	...	...	32(e)	...	...	...	Includes 16 spare.
Bulbs, 3.5 volt "P" (g) ...	...	...	...	...	16	...	...	...	
Cells, inert "Q" (h) ...	...	...	3 (spare)	3	...	3	...	...	
" " "Q" (h) ...	...	...	(")	3	...	3 (i)	...	...	
Torches, hand ...	...	...	(")	...	16	...	...	8	
Section No. 29—B.									
Thermometers, survey ...	...	...	...	...	1	...	...	1	
Section No. 29—E.									
Hose, canvas, 2-inch by 30-ft. ...	...	...	lengths	...	1	...	...	...	The 'Water-trough' is held on Brigade Headquarter charge
Hose, prepared, canvas, 1½-inch by 12-ft. ...	...	...	lengths	...	2	...	...	...	
Pumps, lift and force, Mark V ...	...	...	...	...	1	...	...	...	
DRILL AND INSTRUCTIONAL STORES.									
Section No. 17—B.									
Ordnance, Q.F., 13 and 18 pr.—	...	...	...	...	...	...	...	...	Carried as convenient.
Pins, firing, dummy ...	...	...	...	...	...	1	...	...	
Screws, breech dummy ...	...	...	...	...	...	1	...	...	
Section No. 23.									
Cartridges, dummy, Q.F., 13-pr. plugged (b) ...	...	...	...	...	...	6	...	...	Carried as convenient.
Cartridge, Q.F., 13-pr.—	...	...	...	...	...	...	...	...	
Cases, drill (c) ...	...	...	...	...	...	1	...	...	
Clips, cartridge, Q.F. No. 9 ...	...	...	...	...	...	6	...	...	
Primers, percussion dummy, Q.F. cartridges, No. 1 ...	...	...	...	...	...	1	...	...	

- (a) 36 rounds in peace, 48 rounds for war per pistol. Complete boxes will be stored.
- (b) To practise fuze setting.
- (c) Empty cartridge cases plugged with wood and fitted with dummy primers for drill purposes generally.
- (d) For each machine-gun, 1,200 rounds.
- (e) Not stored, provided by R.A.O.C. on mobilization.
- (f) 50 rounds per bandolier. Complete boxes will be stored.
- (g) For torches, hand.
- (h) "For apparatus, illuminating aiming point sets."
- (i) Not available for war.

Ordnance and General Stores—continued.

TABLE 20—continued.

	War Equipment.			Peace.			Remarks.
	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	For each gun carriage and limber.	For each ammunition wagon and limber.	For each battery.	
Fuzes							
<i>Section No. 26.</i>							
{ drill, T and P, No. 80	...	...	...	...	...	...	} Carried as convenient.
{ drill No. 101 ...	...	...	...	6	...	...	
<i>Section No. 27—A.</i>				1	...	...	
Cartridges, S. A. drill, .303-inch, rifles, carbines or M. G.,	...	...	...	...	...	...	15 for each rifle.
Mark VI ...	...	...	...	...	...	...	3 " "
Charges, .303-inch cartridges ...	...	...	...	...	...	...	
STORES FOR MAKING UP BLANK AMMUNITION.							
<i>Section No. 23.</i>				1	...	...	} Carried as convenient.
Boxes, cartridge, case, Q. F., 13-pr.	...	...	...	...	...	...	
Cartridges, Q. F.—	...	...	...	...	...	...	
13-pr. :—Cases, empty	...	...	...	...	...	...	
Clips, cart'dge, No. 9 ...	...	...	...	...	...	120	
Rings, inserting cup, 13-pr.	...	...	...	...	...	120	
	...	...	...	...	...	3	

Materials, Repairing Carriages, &c.

TABLE 21.

TABLE 21.		War.	Peace. — Twelve months' supply (a)	Remarks.
Section No. 3.				
Wire, ordinary, phosphor bronze No. 11, S.W.G. ft.		2	2	
Section No. 10—A.				
Bolts	{ with { boss { $\frac{1}{2}$ -in. $\times$ $3\frac{1}{2}$ -in. nuts, { head, { $\frac{1}{2}$ -in. $\times$ $7\frac{1}{2}$ -in. { square, { $\frac{3}{8}$ -in. $\times$ 6-in. without nuts, hexagon head, $\frac{3}{8}$ -in. $\times$ $1\frac{1}{4}$ -in.	...	2	For naves of No. 45 wheels.
		...	6	
		...	6	
		6	3	
Chain, brass, solid link,	{ No. 1 yds. " 3 " "	...	1	
		...	1	
Nails	{ steel, clout, flat head, fine, No. 91 lbs. wire, iron, grooved, { 2-in. " { $1\frac{1}{2}$ " "	...	1	
		...	1	
		...	1	
Pls, keep, split (b)	{ $\frac{1}{4}$ -in. $\times$ 5-in. ... $\frac{3}{16}$ -in. $\times$ 1-in. ... $\frac{1}{8}$ -in. $\times$ 1-in. ... $\frac{1}{8}$ -in. $\times$ $2\frac{1}{2}$ -in. ... $\frac{3}{8}$ -in. $\times$ $1\frac{1}{2}$ -in. ... $\frac{1}{8}$ -in. $\times$ $1\frac{1}{4}$ -in. ...	...	4	12
		...	6	12
		...	9	18
		...	2	6
		...	6	12
		...	6	12
Screws	{ brass, flat head, $\frac{1}{4}$ -in. No. 8 { 2 $\frac{1}{2}$ " " 20 { 2 " " 20 iron, flat head, { 1 $\frac{1}{2}$ " " 14 { 1 " " 12 { $\frac{3}{4}$ " " 12	12	6	
		24	12	
		24	12	
		24	12	
		24	12	
		24	12	
Staples, lashing, with plate, single, $\frac{1}{4}$ -in. $\times$ 3-in.		...	6	
Tacks	{ copper, No. 473 ... lb. { steel, cut, No. 197 ... "	...	1	
		...	$\frac{1}{2}$	
Section No. 14.				
Bolts	{ flange, axletree, limbers and wagons, Q.F. 13-pr. and 18-pr. with nuts, cheese head, securing shield, Q.F. 13 and 18-pr. ... nave, bosshead, square, bevelled, $\frac{1}{2}$ -in. $\times$ $3\frac{1}{2}$ -in. ... tyre, No. 45 wheel	12	12	
		12	12	
		...	2	For No. 45 wheel.
		...	2	
		...		

(a) Carried as convenient,

(b) To be shortened locally as required.

Materials, Repairing Carriages, &c.—continued.

TABLE 21—continued.

TABLE 21—continued.		War.	Peace. — Twelve months' supply. (a)	Remarks.
<i>Section No. 14—continued.</i>				
Locks, box, limbers and wagons	No. 6	1	1	Carriage lim- ber and am- munition wagon.
	No. 7	1	1	Wagon lim- ber.
Screws, lubricating hole, cheese head, ½-in. × ⅝-in. (with leather washer)	...	12	6	For pipe box of No. 45 wheel.
Steel, pieces	bolt, 2-ft. 8-in. × { 1-in. ⅝-in. ¾-in.	...	1 1 1	
	flat, 2-ft. 8-in. × { 3-in. × ¼-in. 2-in. × ¼-in.	...	1 1	
	plate, 1-ft. 2-in. × ¼-in. × { 8½-in. 6-in.	...	1 1	
	tire, 12-in. × 3-in. × ⅝-in. curved	...	1	
	13-in.	...	3	
	1-in. × { 18 " 22 "	...	3 3	
Straps, securing	¾-in. × 13-in.	...	3	
<i>Section No. 21—A.</i>				
Rings, leather, dust excluder, 2nd class axletree	... ..	12	6	

(a) Carried as convenient.

Stores for use with Sick Horses.

(See Part I, Equipment Regulations for Peace Allowance.)

One wallet, veterinary, for use in "Peace or War" will be held in Peace Equipment, and one chest, veterinary, unit 25 lbs. will, on mobilization, be supplied by the Army Veterinary Service.

3.—HEADQUARTERS BRIGADE AMMUNITION COLUMN.

Arms and Accoutrements. (a)

TABLE 22.	General Proportions. War.		
<i>Weedon Section—A.</i>			
Rifles	Nil.	See scale for echelons of column —the number allowed in- cludes the personnel serving with headquarters of the ammunition column.	
Pistols, revolver, .455 Webley Rods, cleaning, pistol, Webley, No. 2	{		
<i>Section No. 1—A.</i>			
Thongs, leather, 8½-inch	...	1 for each whistle, artillery.	
Whistles, artillery	...	1 for each staff serjt. and serjt.	

(a) The scale of allowance of accoutrements for the personnel with headquarters of ammunition column, will be as laid down on page 90 for "A" and "B" echelon of the column.

Harness and Saddlery.†

TABLE 23.	War.	Remarks.
HARNESS.		
Section No. 5—A.		
Pole, draught, G.S.	lead ... sets	...
	wheel ... „	...
Shaft, draught	off „	1
SADDLERY.		
Section No. 6—A.		
Officers'	sets	1
Universal, R.A.	„	8
Blankets, saddle		(a)
		{ For scale of issue, see Table 31, p. 91, for sections of ammunition column.

† For details of sets of harness and saddlery, see Part I, Equipment Regulations. For War a reversible bit, rein, head collar, surcingle and head bridle will be issued for each horse not equipped with a set of harness or saddlery, also 1 surcingle for each of horse with pole draught harness.

(a) One for each horse except when issued with H. and S.

**Harness and Saddlery—Miscellaneous Articles and Stable
Necessaries.**

TABLE 24.	General Proportions. War.	
Section No. 5—A.		
Bags, nose, patt. '16, small	...	1 for each horse.
Brushes { harness, hard	...	1 for each double set of harness.
{ horse	...	} 1 for each horse.
Rubbers, horse	...	
Clippers, horse	...	See E.R., Part I.

Transport.

For components, accessories, spare parts, wagon and cart equipment
of vehicles, *see* Part I, Equipment Regulations.

TABLE 25.	War.	Remarks.
<i>Section No. 21—A.</i>		
Carts , officers mess	1	
Carts , water tank	1	
Kitchens , travelling	1	
Wagons , limbered, field artillery	1	

Camp Equipment.

TABLE 26.	General Proportions. War.
<i>Section No. 2—A.</i>	
Bags , picketing gear	1 for each headquarters.
Boxes , stationery, field, large (filled)	
(<i>a</i>)	1 for each headquarters.
Hooks , reaping, large... ..	1 for each headquarters.
Kettles , camp, oval, 12-quart	1 for each headquarters.
Mallets , heel peg	2 for each headquarters.
Nets , hay	1 for each horse.
Pads , surcingle	1 for each horse.

(a) Filled with army books, forms, &c., the books of regulations will be corrected as amendments are published in Army Orders, by the officer in whose charge the equipment is held.

Camp Equipment—continued.

TABLE 26—continued.

				General Proportions. War.
<i>Section No. 2—A—continued.</i>				
Pegs , picketing, with rope loop,				
Mark II	...	...	...	1 for each heel rope.
Ropes	{	head, hemp, with ring	...	1 for each horse.
		Mark IV	...	25 per cent. estabtd. of horses.
		heel	...	1 for every 15 animals.
		picketing, 66-ft.	...	1 for every 12 horses.
		picketing, 4-ft. 9-in.	...	1 for each animal. Not stored with mobilization equipment.
Rugs , horse	...	...	...	1 for each N.C.O. and man on mobilization for active service.
Sheets , ground	...	...	...	
<i>Section No. 13—A.</i>				
Blankets , G.S.	...	...	...	1 for each N.C.O. and man. Not stored with mobilization equipment.

Miscellaneous Stores.

STAMPS, MARKING, TEXTILES AND IRONS (BRANDING).

Section No. 7.

						For Headquarters of each column. Peace only.
Irons, branding—						
$\frac{5}{8}$ -in.	{	figures 0 to 8	...	...	sets	1
		single letters (a)	...	...	"	1
		letters, 3 letters, R.H.A. (b)	...	...	"	1
Stamps, copper inlaid (b)—						
$\frac{1}{2}$ -in.	{	single letters (a)	...	...	sets	2
		single figures 0 to 8	...	...	"	2
		letters, 3 letter, R.H.A.	...	...	"	1
Stamps, steel, for metal—						
$\frac{5}{16}$ -in.	{	single letters (a)	...	...	sets	1
		single figures 0 to 8	...	...	"	1
		dash lines, $\frac{1}{2}$ -in.	...	...	"	1

(a) R.H.A. and battery letter.

(b) Will be replaced by "Stamps, marking textiles."

Miscellaneous Stores—*continued*.

						For Headquarters of each column. Peace only.
Stamps, steel, for metal—<i>continued</i>—						
$\frac{1}{8}$ -in.	{	single letters (a) ...	...	sets	1	
	{	single figures 0 to 8 ...	...	„	1	
$\frac{1}{4}$ -in.	{	single letters (a) ...	...	„	1	
	{	single figures 0 to 8 ...	...	„	1	
	{	letters, 1 letter, alphabet ...	...	„	1	
Typeholders (b) ...						4
Blocks ...						4
Type, $\frac{1}{4}$ -in. letters, regimental initials						set 4

(a) R.H.A. and battery letter.

(b) Will be replaced by "Stamps, marking textiles."

Ordnance and General Stores.

TABLE 27.	General Proportions. War.
<i>Section No. 7.</i>	
Anvils { 5 lbs. 10 ozs. (a) 1 } { light pattern 3 }	} for each headquarters.
Brushes , sable, writing, duck, large (a) 2	
Forges , field, light pattern 3	
Hammers { riveting, 8-oz. (a) 1 } { smiths, sledge, 10-lb.... 1 }	
Spanners , adjustable, 11-in. 1	
Tools , shoeing sets	} 2 for each headquarters.
Valises , tool	
<i>Section No. 9—A.</i>	
Ink { marking gills } (a) { stamping woollens " }	2 for each column.
Oil , lubricating, G.S. pints	3 for each headquarters.
<i>Section No. 9—B.</i>	
Boxes , dubbing or mineral jelly, 2 lbs.	2 for each headquarters.

(a) For marking arms, accoutrements, harness, saddlery, &c.; not to be taken with the unit on mobilization.

Ordnance and General Stores—*continued.*TABLE 27—*continued.*General Proportions.
War.*Section No. 10—A.*

Shoes, horse See footnote (a).

Section No. 11.

Lamps, hurricane 2 for each headquarters.

Section No. 12.

Implements, butchers—

Scale according to Table 19, page 67

Machines, chaff cutting 1 for headquarters of the column.

Section No. 15—B.

Cases	{	Stand No. 4, director	...	}	1 for each headquarters of the column.
		" No. 6, "	...		
Directors	{	No. 4	...		
		No. 6	...		
stands	{	No. 4, director	...	}	
		No. 6, "	...		

Section No. 21—A.

Covers, short rifle 2 for each limbered wagon, kitchen trav., 1 for each cart, officer's mess, and water cart.

Holdalls, implements, butchers ... 1 for each headquarters.

Section No. 27—A.

Cartridges, small arm, ball, revolver, .455-in. 48 rounds for each pistol (b).

Cartridges, S.A. ball, cordite, .303-in. 50 rounds for each bandolier and 1,200 rounds for each machine gun.

Section No. 28—B.

Exploders, dynamo 1 for each headquarters

Section No. 29—E.

Hose, canvas 2-in. × 30-ft. lengths 1 for each headquarters.

,, prepared canvas 1½-in. × 12-ft. lengths 2 for each headquarters.

Pumps, lift and force, Mark V (c) ... 1 for each headquarters.

(a) Shoes will be held on mobilization charge for 50 per cent. of the establishment of animals, the number of sets to be held and sizes will be detailed in current War Equipment Tables and must be accepted as correct.

(b) Complete boxes will be stored.

(c) The water-trough is held on Brigade Headquarters charge.

4.—BRIGADE AMMUNITION COLUMN (Q.F. 13-pr.).

Arms.

TABLE 28.	General Proportions War.
<i>Weedon Section—A.</i>	
Bottles, oil	1 for each rifle.
Pistols, revolver .455-inch, Webley, Mark VI	(a)
Protectors, muzzle, No. 3	1 for each rifle.
Pull-throughs, .303-in. arms	1 for each rifle.
Reflectors, mirror, S.A., .303-inch	1 for each Section "A" and "B" echelon.
Rifles, short M.L.E. Mk. III (b)	1 for each gunner, and 1 for each driver, except for those vehicles carrying ammunition, which will have 2 for each vehicle.
Rods, cleaning, pistol, Webley, No. 2	1 for each pistol.

(a) 1 each for B.S.M., B.Q.M.S., Farrier serjeant and 3 orderlies.

(b) Fitted with Swivels, piling, Mark III.

Accoutrements.

TABLE 29.	General Proportions War.
<i>Section No. 1—A.</i>	
Bags, ration	See Part I Equipment Regulations 1923, para. 117.
Bottles, water, enamelled	1 each all ranks.
Carriers, water-bottle, with shoulder strap	1 for each waterbottle.
Cases, pistol Webley, with leather loops	1 for each pistol.
Frogs, cutter wire folding	1 for each wire cutter.
Straps { with buckle	} 1 for each frog.
with stud	
Haversacks, O.S.	1 each all ranks.
Helmets, steel	1 for each officer, N.C.O. and man.
Lanyards, pistol	1 for each pistol.
Pouches, ammunition, pistol Webley, with leather loop	2 for each pistol.
Slings, rifle, web	1 for each rifle.
Straps, brown mess tin, M.S.	1 for each mess tin.
Thongs, leather 8½-inch	1 for each whistle artillery.
Tins, mess, M.S.	1 each all ranks.
Whistles, artillery	1 for each staff-serjeant and serjeant.
Web equipment, patt. '08—	
Braces, with buckle	1 for each haversack, O.S.
Bandolier, equipment patt. '03:—	
Bandoliers, 50 rounds	1 for each N.C.O. or man not armed with a pistol.
Belts, waist	1 for each pistol.

Musical Instruments. (b).

TABLE 30.

General Proportions War.

<i>Section No. 1—B.</i>	
Bugles	1 for each trumpeter.
Strings , bugle and trumpet, Royal ...	1 for each bugle and 1 for each trumpet.
Trumpets	1 for each trumpeter.

(b) The trumpeter may be with Headquarters of the Column, if so, the scale will be applicable in either case.

Harness and Saddlery. (a)

TABLE 31.

For each Section of the Echelon with horse-drawn vehicles.

Remarks.

HARNESSES.		
<i>Section No. 5—A.</i>		
Harness, P.D., G.S.—		
Lead, double sets	2 for each 6 horsed vehicle, 1 for each 4 horsed vehicle	
Lead, near single „	1 set for each officers' mess cart, if for this vehicle 2 horses are allowed	
Wheel, double... .. „	1 for each vehicle fitted with pole draught	
Harness, shaft-draught set off	1 set for each shaft draught vehicle	With this set should be issued a set of "long driving reins" and "whip driving."
SADDLERY.		
<i>Section No. 6—A.</i>		
Officers' sets	1	
Universal, R.A.... „	6	
Blankets, saddle	(b)	

(a) For details of sets of harness and saddlery, see Part I, Equipment Regulations. For War a reversible bit, rein, head collar, surcingle and head bridle will be issued for each horse not equipped with a set of harness or saddlery, also one surcingle for each off-horse with pole-draught harness.

(b) 1 for each horse except when issued with H. and S.

Harness and Saddlery—Miscellaneous Articles and Stable Necessaries.

TABLE 32.

General Proportions.

<i>Section No. 5—A.</i>	
Bags , nose, pattern '16, small ...	1 for each horse.
Brushes { harness, hard ...	1 for each double set of harness.
{ horse ...	1 for each horse.
Clippers , horse ...	See E.R., Part I.
Rubbers , horse ...	1 for each horse.
<i>Section No. 6—A.</i>	
Saddlery , Universal :—	
Buckets rifle, Cavalry ...	6 for each Section of "A" Echelon.

HARNESS AND SADDLERY, &c.

Materials for preservation and Repair of Harness and Saddlery, including Saddletrees, are given in Part I, Equipment Regulations.

Carriages, &c.

For components, accessories, spare parts, wagon and cart equipment of vehicles, *see* Part I., Equipment Regulations.

TABLE 33.

TABLE 33.	War.	Remarks.
	For each section.	
	"A" echelon only.	
Section No. 14.		
Apparatus, adjusting running out springs, Q.F. 13-pr.	1	
Bars, supporting draught pole, No. 3 (spare)	1	
Boxes { packing rings, No. 1 ... (spare)	1	
{ stuffing hydraulic buffer, Q.F., 13-pr.	1	

Carriages, &c.—continued.

TABLE 33—continued.

TABLE 33 — continued.	War.	Remarks.
	For each section. "A" echelon only.	
Section No. 14—continued.		
Nuts, actuating screw, carriage, Q.F. 13 and 18-pr. Marks I-II		
carriages		
axletree, Q.F. 13 and 18-pr., { centre	1	(spare)
Marks I-II carriages { side	1	(spare)
capsquare, Q.F. 13 and 18-pr. Marks I-II	1	"
carriages...		
locking shield pawl, Q.F. 13 and 18-pr.		"
Mark I-IV carriages		"
draught, No. 3	1	"
Platons, hydraulic buffer, Q.F. 13-pr.	1	"
Plates, parting, running { inner	1	"
out springs, Q.F. 13-pr. { outer	1	"
Plugs, filling hole, hydraulic buffer, No. 12	1	"
Plungers, controlling running out, hydraulic		
buffer, Q.F. 13-pr.	1	"
Poles, draught, No. 18	1	"
compressed packing, No. 1	2	"
Rings { supporting packing, hydraulic { inner	1	"
buffer, Q.F. 13-pr., { outer	1	"
Screws, lubricating hole, boss head $\frac{5}{16}$ " x $\frac{1}{4}$ "	2	"
Sights, rocking bar, Q.F. 13-pr.	1	"

Spanners, No. 93	...	...	...	1
Spindles, catch, limber hooks, No. 2	...	...	...	1
Springs, catch, limber and perch hooks, No. 2	...	...	(spare)	6
{ disc, No. 62	...	...	"	1
{ running out, Q.F. 13-pr. { inner	...	...	"	3
{ shield pawl, Q.F. 13 and 18-pr.	...	...	"	3
Springs, { Marks I-II carriages	...	...	"	1
{ spiral, range gear Q.F. 13 and 18-pr.	...	...	"	1
{ Marks I-II carriages	...	...	"	1
{ plunger traversing lever, Q.F. 13 and	...	...	"	1
{ 18-pr., Marks I-IV carriages	...	...	"	1
Studs, retaining, stuffing box, hydraulic buffer,	...	...	"	1
Q.F. 13-pr....	...	...	"	1
Straps, securing—	...	...	...	3
1-inch x 72-inch	...	...	...	6
1 " x 54 "	...	...	...	24
1 " x 48 " R.L.	...	...	...	6
1 " x 44 "	...	...	...	3
1 " x 36 " D.L.	...	...	...	9
1 " x 36 "	...	...	...	42
1 " x 30 "	...	...	...	9
1 " x 26 "	...	...	...	19(b)
1 " x 22 "	...	...	...	1(c)
1 " x 18 "	...	...	...	12(b)
1 " x 13 "	...	...	...	3
1 " x 10 " double, with 2 loops	...	...	...	12
1 " x 10 "	...	...	...	6
1 " x 18 "	...	...	...	1(c)
1 " x 13 "	...	...	...	1(c)

(b) Includes 1 spare for each section.

(c) Spare.

Camp Equipment.

TABLE 34.

TABLE 34.	War.		Remarks.
	For each ammunition wagon and limber.	For each section. (a)	
Section No. 2—A.			
Bags, picketing gear ...	...	2	
Buckets, water, G.S., canvas... { ammunition column, Mark II	6	...	
Flags, { crossbars, pairs	...	1	
distinguishing { poles, 16-feet	...	1	
Hooks, { bill	1	...	
{ reaping, large	...	3	
Kettles, camp, oval, 12-qts.	...	2 (b)	
Mallets, heel peg	...	4	
Nets, hay	...	...	1 for each animal.
Pads, surcingle...	...	...	1 for each horse.
Pegs, picketing, with rope loop, Mark II	...	...	1 for each heel rope.
Pins, tent, wood, large	...	4	For flag-staff.
{ head, hemp, with ring, Mark IV	...	...	1 for each horse.
Ropes { heel, Mark IV	...	...	25 per cent. establishment of horses.
{ picketing, 66-ft.	...	...	1 for every 15 horses.
{ picketing, 4 ft. 9 in.	...	...	1 for every 12 animals.
Rugs, horse	...	...	1 for each horse.
Sheets, ground...	...	...	1 for each N.C.O. and man on mobilization for active service.

(a) "A" echelon of the column only, unless otherwise stated.

(b) 2 also allowed for "B" echelon.

Camp Equipment—continued.

TABLE 34—continued.	War.		Remarks.	
	For each ammunition wagon and limber.	For each section. (a)		
Section No. 2—B.				
Axes, pick { heads, 4½-lbs. ...	2	...	1 for each N.C.O. and man not stored with mobilization equipment.	
{ helves, 36-in., ferruled ...	2	...		
Crowbars, 4-ft. 1-in. ...	...	1		
Shovels, G.S. ...	2	...		
Spades, Mark III ...	2	...		
Wedges, sawyers ...	...	2		
Section No. 12.				
Stones, rub, scythe ...	...	1		
Section No. 13—A.				
Blankets { G.S. ...	4	...		
{ S.S. ...	...	...		

(a) "A" echelon of the column only, unless otherwise stated.

Implements, Butchers'.

TABLE 35.

The scale shown for batteries, Table 19, p. 67, to be followed.

TABLE 36.

TABLE 36.		War.	Remarks.
Section No. 7.			
Bags, tool, wheeler's	...	...	1
Cases, saw, hand	...	2	...
Chests, tool, filled, smiths (a)	...	...	1
Chests, tools, screw cutting, bolt and nut R.A. field, filled (c)	...	...	1
Chisels, ripping (b)	...	...	1
Cutters, wire, folding	...	...	10
Grindstones, F.S. 14-in.	...	...	1
Hammers riveting, 24-oz. (b)	...	...	1
Hammers { smiths' sledge, 10-lb.	...	...	1
handles, No. 1	...	...	1
Handles, file, small	...	...	1
Nail pullers (b)	...	...	1
Pliers, flat-nose	...	...	1

(b) Tools, opening packages; may be used in peace if required.
† For "A" echelon of the column only, unless otherwise stated.

(a) For contents see Part I, E.R.
(c) For details of tools, see pages 20 to 31.

Ordnance and General Stores—continued.

TABLE 36—continued.		War.	Remarks.
		For each ammunition wagon and limber.		For each section.†
Section No. 7—continued.			
Rasps, farriers', 16-inch	...	...	1
Saws, hand, 26-inch	...	2	...
Screwdrivers, G.S. { 9-in. (b)	...	1	...
Spanners, adjustable 11-in.	...	...	3
Stones, rag	...	...	1
fitters' or { No. 1	...	...	2
wheelers' { " 2	...	...	1
forge { " 3	sets	...	1
saddlers' { No. 1	"	...	1
shoeing ... { " 2	"	...	2
tailman's {	"	...	1
Tools (c)	...	...	3
Vallises, tool	...	...	1
Vices, bench, saddletreemakers'	...	...	7
	...	...	1

Section No. 8—A.

Cordage, hemp, hawser, 3-strand, tarred, $\frac{3}{4}$ -in. fathoms
Lines, Hambro'
Line, white, 1-lb. skeins
Twine, packing, small... .. lb.

28
...
1

Section No. 9—A.

Grease, lubricating, for cool climates (d) ... lbs.
Mineral Jelly, red
 { mineral (for buffers) pints
Oil { Rangoon
 { Lubricating, G.S.

For protection of bore and breech fittings.

18
...
2
...
1
...

Section No. 9—B.

Boxes, dubbing or mineral jelly, 2 lbs.
Cylinders, paint, No. 3
Tins, oil, with screw top, $\frac{1}{2}$ pint (empty)

For mineral jelly, red.
1 for each rifle.

11
6
...

Section No. 10—A.

Padlocks, iron, 2-inch
Pins, keep, split { $\frac{3}{4}$ in. x 2 in. ... (spare)
 { $\frac{1}{2}$ " x $1\frac{1}{2}$ " ...
Shoes, horse (e) (f)
Valises, horse shoe (g)

Mob. store boxes.

8
3
8
...
...

(b) Tools, opening packages; may be used in peace if required.

(d) Grease, lubricating, for hot climates will be used at all stations abroad.

(f) 3 sets carried in a valise on each ammunition wagon. The remainder as convenient.

(g) One on each ammunition wagon body.

(c) For detail of tools, see pages 20 to 31

(e) See Part I, E.R. for horses joining on mobilization.

† For "A" echelon of the column only, unless otherwise stated.

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D 3

Section No. 14—continued.

Cans, lubricating, No. 9
 Carriers, ammunition, Q.F., 13 and 18-pr. (c)

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Section No. 15—B.

Boxes, field clinometer
 Cases, stand, artillery range-finder
 Clinometers { field
 { sight
 Laths, adjusting, artillery, range-finder
 Plotters, field, Mark IV
 Posts, aiming, { circular head
 { crosshead
 Posts, aiming with flag
 Range-finders, artillery, No. 2
 Springs, clinometer, sight
 Stands, No. 2, artillery range-finder

Section No. 17—A.

Gauges, striker, protrusion, No. 15 (or No. 1 (e))

Section No. 17—B.

Drifts, No. 12
 Ordnance, Q.F., 13-pr., extractors (spare)

(a) Includes 2 for each section for use as distinguishing lamps; one to have globe painted red and one painted green.
 (b) Two will be allowed for "B" echelon of the column. (c) Carried under the blankets on the ammunition boxes of wagon limbers.
 (d) For lists of contents see pages 110 to 117. (e) No. 1 gauge will continue to be used until unserviceable and the existing stock exhausted.
 † For "A" echelon of the column only, unless otherwise stated.

Ordnance and General Stores—*continued*.

TABLE 36—*continued*.

TABLE 36—continued.

Section No. 17—B—continued.

War.		Remarks.	
For each ammunition wagon and limber.		For each section.†	
<i>Section No. 17—B—continued.</i>			
Ordnance,	(blocks, guide, striker	(spare)	1
Q.F., 13-pr.	bushes, firing hole, Mark I (a)	(")	1
Marks I to	carriers	(")	1
III, and 18-	catches, retaining breech screw	(")	1
pr. Marks I	levers, breech mechanism	(")	1
to II*.	screws, breech, Mark II	(")	1
	strikers	(")	1
	triggers	(")	1
Ordnance,	(bushes, firing hole (b)	(")	1
Q.F., 13-pr.	levers, firing	(")	1
Marks I to	pins, firing	(")	3
III, and 18-	springs, main	(")	1
pr. Marks I	" safety catch	(")	1
to II* and	" trigger	(")	4
IV	" tripping piece	(")	1

Section No. 19.

Brushes, breech screw

† For "A" Echelon of the column only; unless otherwise stated.
 (a) For guns with Mark I breech screws only.
 (b) For guns with Mark I* or II breech screws.

Cleaners { pisabae, No. 20 { wool, No. 1	...	...	...	1	
Covers { breech, No. 1	...	...	...	1	
{ muzzle, No. 4	...	...	...	1	
Lashings , { 1-in. { 20-ft.	...	...	...	...	1 for each spare wheel.
tarred	...	...	...	...	2 for each spare wheel.
Ropes , drag, light	...	...	1	...	
Tackles , luff, 14-fathoms	...	...	...	1	
Section No. 20.					
Handspikes , common, 6-feet	...	...	...	1	
Jacks , lifting, G.S.	...	...	...	1	
Section No. 21.					
Boxes , grease, 3-lb.	...	...	3	...	
Covers , short rifle	...	...	2	6(c)	
Holdalls , implements, butchers (b)...	...	...	...	1	
Section No. 23.					
Boxes { ammunition, Q.F. 13-pr. Mark II or III	...	...	...	...	
Cartridges , { No. 1, percussion, primers	...	...	1	...	
{ H.E., fuzed (a)	...	...	30	...	
Q.F. , 13-pr. { shrapnel, fuzed	...	...	46	...	
Clips , cartridge, No. 9	...	...	...	...	1 for each cartridge.

(a) 75 per cent. No. 106 D or E; 25 per cent. No. 101 E, non-delay.

(b) For "A" and "B" echelons per section.

(c) For Timbered G.S. Wagons. Ammunition—Other than that carried in Ammunition Wagon and Limber, will be carried "Boxed" in 4 round boxes; in such vehicles allowed by War Establishment for "A" and "B" echelons.

Ordnance and General Stores—continued.

TABLE 36—continued.

	War.		Remarks.
	For each ammunition wagon and limber.	For each section.	
<i>Section No. 23—continued.</i>			
Implements, ammunition—			
Keys, No. 27. (Primer, 13, 18, and 12-pr. 4-cwt.) ...	...	1	Inserting or removing.
Primers, percussion, Q.F. cartridges, No. 1 (spare) ...	4	12	
<i>Section No. 26.</i>			
Implements, ammunition—			
Keys { No. 17. (Fixing Nos. 80, 83, 88 and 89 fuze) ...	...	2	50 rounds for each N.C.O. or man with bandolier. Complete boxes to be stored.
No. 18. (Setting Nos. 80, 83, 88 and 89 fuze) ...	...	6	
No. 53. (Fixing No. 100 type fuze) ...	...	2	
<i>Section No. 27.</i>			
Cartridges, { .303-in. (cordite) ...	...	...	48 rounds for each pistol.
small arm, { Revolver, { for personnel of	...	...	
ball { .455 in. { headquarters and	...	...	
batteries ...	...	...	

Materials, Repairing Carriages, &c.

TABLE 37.	War. For each section (b).	Remarks.
Section No. 3.		
Wire, ordinary, phosphor bronze, No. 11, S.W.G....	3	For brazing.
Zinc, alloy, for brazing	1	
Section No. 9—A.		
Borax	1	For brazing.
Resin, black	4	
Sal-ammoniac, in lumps	4	
Section No. 10—A.		
Bolts { with nuts, boshead, square, $\frac{1}{2}$ -in. $\times$ $3\frac{1}{2}$ -in. without nuts, hexagon head, $\frac{3}{8}$ -in. $\times$ $1\frac{1}{4}$ -in.	1 1 1 1 1	For brazing.
Chain, brass, solid link, { No. 1 " 3	1 1 1	
Pins, keep, split (a) { $\frac{1}{16}$ -in. $\times$ 5-in. $\frac{1}{8}$ -in. $\times$ 1-in. $\frac{1}{4}$ -in. $\times$ 1-in. $\frac{1}{2}$ -in. $\times$ $2\frac{1}{2}$ -in. $\frac{3}{8}$ -in. $\times$ $1\frac{1}{4}$ -in. $\frac{1}{2}$ -in. $\times$ $1\frac{1}{4}$ -in.	1 1 1 1 1 1 1	For brazing.

(a) To be shortened locally as required.
(b) "A" echelon only.

(a) To be shortened locally as required.

(b) "A" echelon only.

Materials, Repairing Carriages, &c.—continued.

TABLE 37—continued.

TABLE 37—continued.	War.	Remarks.
	For each section.	
Section No. 10—A—continued.		
Screws	{ brass, flat head, $\frac{1}{4}$ -in. No. 8 ...	1
	{ 2 $\frac{1}{2}$ " " 20 ...	3
	{ 2 " " 20 ...	3
	{ 1 $\frac{1}{2}$ " " 14 ...	3
	{ 1 " " 12 ...	3
	{ $\frac{3}{4}$ " " 12 ...	2
Staples, lashing, with plate, single, $\frac{1}{4}$ -in. $\times$ 3-in.		
Section No. 14.		
Bolts	{ flange, axletree, limbers and wagons, Q.F., 13 and 18-pr. and 45 in. howitzer ...	1
	{ with nuts, cheese head, securing shield, Q.F., 13 and 18-pr. Marks I-II carriage ...	1
	{ nave, bosshead, square, bevelled $\frac{1}{4}$ -in. $\times$ 3 $\frac{1}{8}$ -in. ...	1
	{ tire, No. 45 and 45A wheel ...	1
Iron pieces, angle 2-ft. 8-in. $\times$ 2-in. $\times$ 2-in. $\times$ $\frac{1}{4}$ -in. ...		
Locks, box, limbers and wagons, { No. 6 ...		
{ " 7 ...		
Screws, lubricating hole, cheese head, $\frac{1}{4}$ -in. $\times$ $\frac{5}{8}$ -in. (with leather washer) ...		
{ "		

Stores for use with Sick Horses.

(Referred to in Part I, Equipment Regulations.)

One wallet, veterinary, and one chest, veterinary unit, 25 lbs., for each section will, on mobilization, be supplied by the Army Veterinary Service.

5.—CONTENTS OF MOBILIZATION STORE BOXES.**Box, Mobilization Stores, No. 1.**

(Spare Parts, &c., Materials for Repair, and Tinman's Tools.)

NOTE.—Tow or other suitable material must be used where necessary to ensure good packing.

Articles.	Q.F., 13-pr. — Brigade ammunition column. — For each section, "A" Echelon only.
Number of boxes	1
<i>Section No. 3.</i>	
Wire , ordinary, P.B., No. 11, S.W.G. ft.	3
Zinc , alloy, for brazing lbs.	1
<i>Section No. 7.</i>	
Handles , file, small	1
Pliers , flatnose pairs	1
Rasps , farrier's, 16-in.	1
Stones , rag	1
<i>Section No. 9—A.</i>	
Borax lbs.	1
Resin , black ozs.	4
<i>Section No. 10—A.</i>	
Bolts { with nuts, bosshead, square, $\frac{1}{2}$ -in. $\times$ $3\frac{1}{4}$ -in. ...	1
{ without nuts, hexagon head, $\frac{3}{8}$ -in. $\times$ $1\frac{1}{4}$ -in. ...	1
Chain , brass, solid link { No. 1 yds.	1
{ „ 3 „	1

Box, Mobilization Stores, No. 1—continued.

Articles.		Q.F., 13-pr. — Brigade ammunition column. — For each section, "A" Echelon only.
Section No. 10—A—continued.		
Pins, keep, split—		
$\frac{1}{4}$ -in. $\times$ 5-in.		1
$\frac{3}{16}$ -in. $\times$ 1-in.		1
$\frac{1}{8}$ -in. $\times$ $\left\{ \begin{array}{l} 1\text{-in.} \\ 2\frac{1}{2}\text{-in.} \end{array} \right.$		1
$\frac{3}{8}$ -in. $\times$ $1\frac{1}{2}$ -in.		1
$\frac{1}{16}$ -in. $\times$ $1\frac{1}{4}$ -in.		1
Screws	{ brass, flathead, $\frac{1}{2}$ -in., No. 8	1
		3
	{ iron, flat head	3
		3
		3
		3
Staples, lashing, with plate, single, $\frac{1}{4}$ -in. $\times$ 3-in. ...		2
Section No. 12.		
Stones, rub, scythe		1
Section No. 14.		
Bolts—		
Flange, axletree, limbers and wagons, Q.F. 13 and 18-pr.		1
With nuts, cheese head, securing shield		1
Nave, bosshead, square, bevelled, $\frac{1}{2}$ -in. $\times$ $3\frac{1}{2}$ -in.		1
Tyre, No. 45, wheel		1
Can, lubricating, No. 9		1
Caps, dust, 2nd class C, capped wheels, No. 1		(a)
Funnel, filling, cylinder, No. 1		1
Keys	{ split, flat, 1-in. $\times$ 4-in.	1
		1
Locks, box, limbers	{ No. 6	1
		{ „ 7

(a) 1 per column.

Box, Mobilization Stores, No. 1—*continued.*

Articles.	Q.F., 13-pr. — Brigade ammunition column. — For each section, "A" Echelon only.
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Section No. 14—continued.

Plus , draught, No. 3	...	...	...	1
Screws , lubricating hole, cheese head, $\frac{1}{2}$ -in. $\times$ $\frac{5}{8}$ -in. (with leather washer)	...	...	...	1
Spanner , No. 93	...	...	...	1
Straps , securing	{	1-in. $\times$ { 22-in.	...	1
		18 "	...	1
		13 "	...	1
		$\frac{3}{4}$ -in. $\times$ 13-in.	...	1

Section No. 19.

Brush , breech-screw	...	...	...	1
Cleaners {	{	piasaba, No. 20	...	1
		wool, No. 1	...	1
Cover , muzzle, No. 4	...	...	...	1

Section No. 21—A.

Collar , adjusting, 2nd class "C" capped wheels	...	...	...	1
Keys , split, No. 10, main-pin	...	...	...	2
Pin , linch, 2nd class "C" capped wheels	...	...	...	1
Rings , leather, dust excluders, 2nd class axletree	...	...	...	2
Washers , drag, 2nd class "C" capped wheels	...	...	...	1

TINMAN'S TOOLS.

Section No. 3.

Solder , tinman's, soft	...	...	...	lbs.	1 $\frac{1}{2}$
--------------------------------	-----	-----	-----	------	-----------------

Box, Mobilization Stores, No. 1—continued.

Articles.						Q.F., 13-pr. Brigade ammunition column.
						For each section, "A" Echelon only.
Section No. 7.						
Groovers, tinman's, small	...	...	...	...	...	1
Iron, soldering, tinman's, large	...	...	...	...	...	1
Mallet, tinman's	...	...	...	...	...	1
Shears, tinman's, Scotch	...	...	...	pairs	...	1
Section No. 13—C.						
Cloths, sponge	...	...	...	...	...	4

Box, Mobilization Stores, No. 2.

(Materials, repair for Harness, Saddlery, &c. ; Indirect Laying Stores
Tools, Screw-cutting, &c.)

NOTE.—Tow or other suitable material must be used where necessary to ensure good packing.

Articles.	Q.F., 13-pr. — Brigade ammunition column. — For each section, "A" Echelon only.
Number of boxes	1
<i>Section No. 6.</i> HARNESS AND SADDLERY, MATERIALS FOR REPAIR. [Items as detailed in current War Equipment Tables, not carried by artificers in valises]	
<i>Section No. 7.</i> Chests, tools, screw-cutting, bolt and nut, R.A. field. Filled	
<i>Section No. 8A.</i>	
Twine, packing, small lbs.	1
<i>Section No. 15B.</i> Clinometer, field (in wood box) Directors, No. 4 and No. 6 (a) Plotters, field (with cases)	
	1
	1
	1

(a) Shown in A.F.G 1098 as being with the headquarters of the column.

Box, Mobilization Stores, No. 5.

(Mineral Jelly, Oil, &c.)

NOTE.—Tow or other suitable material must be used where necessary to ensure good packing.

Number of boxes	1
------------------------	---

Section No. 9A.

Mineral Jelly, red (in "cylinders, paint, No. 3")	lbs.	18
Oil, lubricating (in tins)...	pints	2
Sal-ammoniac, in lumps	oz.	4

Box, Mobilization Stores, No. 10.

(Spare Parts of Q.F., 13 and 18-pr. Guns and Carriages.)

Articles.	Q.F., 18-pr. — Brigade ammunition column. — For each section.
Number of boxes	1

Section No. 10A.

Pins, keep, split { $\frac{3}{8}$ -in. by 2-in.	...	...	...	3
{ $\frac{1}{2}$ -in. by 1 $\frac{1}{2}$ -in.	...	...	...	8

Section No. 14.

Buffer, hydraulic, carriage, Q.F., 13-pr.—				
Box, stuffing, hydraulic buffer	...	...	...	1
Glands, hydraulic buffer	...	...	...	1
Plunger, controlling, running out, H.B.	...	...	...	1
Rings { packing	...	...	...	1
{ supporting, { inner	...	...	...	1
{ packing { outer	...	...	...	1
Stud, retaining, stuffing box	...	...	...	1
Washers, packing (H.B.)	...	...	sets	1

Box, Mobilization Stores, No. 10—continued.

Articles.	Q.F., 13-pr. Brigade ammunition column. — For each section.
<i>Section No. 14—continued.</i>	
Catches , limber hooks, No. 2	1
Clips , securing, traversing lever, carriage, Q.F. 13 and 18-pr.	1
Eccentric , brake gear, carriage, Q.F. 13 and 18-pr., and 4.5 inch Howitzer	1
Nut , actuating, screw, carriage, Q.F., 13 and 18-pr.	1
Pins {	axletree, Q.F. 13 and 18-pr. { centre ... 1
	side ... 1
	capsquare, Q.F. 13 and 18-pr ... 1
	locking shield pawl, Q.F. 13 and 18-pr. ... 1
Plates , parting, running {	inner ... 1
	outer ... 1
Plug , filling hole, hydraulic buffer, No. 12	1
Screws , lubricating hole, bosshead, $\frac{5}{16}$ -in. by $\frac{1}{4}$ -in.	2
Sight , rocking bar, Q.F., 13-pr.	1
Spindles , catch, limber, hooks, No. 2	1
Springs {	catch, limber and perch, hooks ... 6
	disc, No. 62 ... 1
	firing gear, Q.F., 13-pr. ... 1
	shield pawl, Q.F., 13 and 18-pr. ... 1
Washers , running out {	plungers, traversing lever, Q.F., 13 and 18-pr. ... 1
	inner ... pairs 1
springs, Q.F., 13-pr. {	outer ... 1
<i>Section No. 15.</i>	
Clinometer , sight	1
Spring , clinometer, sight	1
<i>Section No. 17—A.</i>	
Gauge , striker, protrusion, No. 15 (or No. 1)	1

Box, Mobilization Stores, No. 10—*continued.*

Articles.	Q.F., 13-pr. — Brigade ammunition column. — For each section.	
<i>Section No. 17—B.</i>		
Drifts, No. 12	1	
Ordnance, Q.F. 13-pr.—Extractor	1	
Ordnance, Q.F., 13-pr., Marks I to III, and 18-pr., Marks I to II*—		
Block, guide, striker	1	
Carrier	1	
Catch, retaining, breech screw	1	
Lever { breech mechanism	1	
{ firing	1	
Pins, firing	3	
Screw, breech	1	
Springs {	main	1
	safety catch	1
	trigger	4
	tripping piece	1
Striker	1	
Trigger	1	

Box, Mobilization Stores, No. 15.

Articles.	Q.F., 13-pr. — Brigade ammunition column. — For each section.
Number of boxes	1
<i>Section No. 14.</i>	
Pistons, hydraulic buffers, carriage, Q.F. 13-pr.	1

6.—DETAIL OF COMPONENT PARTS.

Ordinance, Q.F., 13-pr., Marks I to III.

Designation.	Detail.	No.
Ordinance, Q.F., 13-pr., Marks I to III:—		
Extractor	steel, with hinge bolt and keep pin	1
Ordinance, Q.F., 13-pr., Marks I to III, and 18-pr., Marks I to II*:—		
Block, guide, striker	steel, with safety catch and flat spring	1
Carrier	steel; body with lubricator consisting of plunger, spiral spring and retaining nut; hinge bolt and keep pin; breech mechanism lever hinge bolt, and keep pin; and (Mark I breech mechanism lever consisting of arm with bush retaining catch, axis pin and flat spring); or (Mark II breech mechanism lever consisting of arm with bush, retaining catch, axis pin, spiral spring and spring guide screw)	1
Catch, retaining breech screw	steel, with spiral spring and rivet	1
Trigger:—		
Mark I	steel, in 2 parts (part I with bush, collar, spring and keep pin), and (part II)	1
or		
Mark II } or Mark I* }	steel, in 2 parts (part I with spindle with set pin and nut) and (part II), with bush, collar, spring, and keep pin ...	
Ordinance, Q.F., 13-pr., Marks I to III, and 18-pr., Marks I to II and IV:—		
Lever, firing	steel	1

COMPONENT PARTS—continued.

Ordnance, Q.F., 18-pr., Marks I to III—continued.

Designation.	Detail.	No.
Ordnance, Q.F., 18-pr., Marks I to III, and 18-pr., Marks I to II* :—		
Screws, breech :—		
Mark I	steel, body with retaining catch plate with screwed rivet and Mark I firing hole bush ...	} 1
or		
Mark II }	steel, body with retaining catch plate with screwed rivet and Mark II firing hole bush with fixing screw ...	
or Mark I* }		
Striker	steel, with firing pin; rebound block and securing pin; main spring; guide for main spring; tripping piece with spring with fixing screw ...	1

Carriage, field, Q.F., 18-pr., Mark I.

Designation.	Detail.	No.
Axletree , 2nd class C, No. 205	steel	1
Block , housing, No. 9, lubricating can	wood, with 2 screws and leather cover	1
Brackets { connecting axletree and trail { left } axletree, supporting shield { right }	steel	1
	steel, with bolt connecting tensile stay with nut and keep pin, dust excluder and fixing screws	1
		1
		1
Brackets , dial sight	M.B. with clamping screw, with nut and keep pin, handle, and fixing screws	1
Buffer , hydraulic :—		
Box, stuffing	M.B.	1
Cylinder	steel, with connection nut, 2 securing nuts (1 inner and 1 outer)	1
Gland	M.B.	1
Plug, filling hole, No. 12 ...	steel, with chain, loop, and keep pin	1

COMPONENT PARTS—*continued.*Carriage, field, Q.F., 13-pr., Mark I—*continued.*

Designation.	Detail.	No.
Buffer, hydraulic—<i>continued.</i>		
Plunger, controlling, running out	steel	1
Ring, compressed packing, No. 1		1
Rings, supporting, { inner	M.B.	1
packing { outer	M.B.	1
Rod, piston	steel, with M.B. piston, and steel nut	1
Stud, retaining stuffing box	steel, with keep pin and spiral spring	1
Valve, air	steel	1
Washers, packing	(1 fibre and 2 copper to a set) set	1
Capsquares	steel	2
Carriage, body	steel, with transoms, 2 trunnion bearings, 2 clutch spindle bearings, 2 axletree bearings, each with lubricating cup, bracket traversing and bracket carrying elevating gear, lower, with cap and 2 stops for clutch spindle	1
Carrier, shovel clip	steel; in two parts, with 2 screws	1
Clip, securing shovel	steel spring; with 2 screws	1
Collar, adjusting, 2nd class C, capped wheels	steel	2
Cradle—		
Arm, trunnion supporting sights, Mark II	steel, with collar, nuts, and keep pins	1 (a)
Body	M.B.	1
Bearings { carrying, range indicator pinion, spindle, handwheel	„ with set screw	1
Bracket, carrying elevating gear, upper	steel, with M.B. bush and oil screw	1
	steel, with M.B. bush, cap and keep pin	1
Bracket, lubricator, gun slides { left	M.B. body, with felt pad, brass cover with leather strap and fixing screws, leather and brass packing pieces with rivets, and securing bolt with keep pin and fixing screws	1
	{ right	

(a) Not required with cradles having steel trunnions.

COMPONENT PARTS—continued.

Carriage, field, Q. F., 18-pr., Mark I—continued.

Designation.	Detail.	No.
Cradle—continued.		
Cap, outer spring case	steel, with keep pin, 3 studs, each with nut and keep pin, and hinged cover with catch	1
Cases, springs, { inner	"	1
outer	"	1
Foresight	"	1
Guard, protecting gun-layer	" with firing lever stud with collar and keep pin	1
Guide, arc, range gear	M.B., with G.M. cap, keep pin and fixing screws	1
Lubricators, gun slides	brass body, with cap, leather washer, and chain with link and S hook	2
Plates { instruction ...	brass, with screws	1
{ parting run-		
ning out		
{ inner	bronze	3
outer	"	3
Protectors { lower	brass, with screws	1
{ curved { upper { front	" " "	1
rear	" " "	1
slide	brass, with leather packing and screws ... (pairs)	1 (a)
straight	brass, with screws	2 (a)
Screws, lubricating hole, boss head, $\frac{1}{8}$ -in. $\times$ $\frac{1}{4}$ -in.	G.M.	8
Springs, running out, { inner	steel, spiral	4
outer	"	4
Stop, gun	G.M., with fixing screws	1
Studs { guard, connecting	steel, with nut and keep pin	1
{ spring	" " " "	3
{ securing guard	"	
{ trunnion, support-	" with collar, nut and keep pin	1 (b)
ing sight		
Tank	M.B. body, with 2 studs supporting shield, each with nut and keep pin, 2 studs locking piston rod nut, steel valve seating with pin, tank valve, plug tank and copper washer	1
Shield, protecting tank	steel	1

(a) 1 left and 1 right.

(b) Only required with cradles having steel trunnions.

COMPONENT PARTS—continued.

Carriage, field, Q.F., 13-pr., Mark I—continued.

Designation.	Detail.	No.
Cradle—continued.		
Tube, lubricating, elevating gear	steel, with screw	1
Washers, running out { inner	" " " " (pairs)	1
{ outer	" " " " " " " "	1
Flanges, axletree, { left	} " with bolt, collar, nut and {	1
{ right	keep pin	1
Key, securing rocking bar sight	M.B., with chain and keep pin ...	1(a)
Lever, traversing	steel, with leather cap, pawl, stud pawl with nut and keep pin, hinge bolt with nut and keep pin, and plunger with bush and spiral spring ...	1
Pins { axletree { centre	steel, with keep pin	1
{ side	" " " " " " " "	2
capsquare	steel, spring "split, with chains and loops	2
linch, 2nd class C, capped wheel	steel	2
Plate inscription	G.M., with screws	1
Seats { left, Mark II	steel, with 2 supporting brackets, inner clip with 2 bolts and outer clip with bolt ...	1(b)
{ right, Mark II	steel, with supporting bracket with hinged clip and bolt ...	1
Shield	steel (lower portion hinged), with wood slats, door with hasp and door frame with turnbuckle, sliding door for dial sight port with 2 studs and clamping screw with wing nut, 2 brackets aiming posts, bracket supporting field clino- meter, 2 plates carrying fuze indicator, 2 wood blocks steady- ing fuze indicator each with strap, and plate angle carrying spare part case, plate housing shovel with leather loop, holder dial sight, 2 sight edges (left and right), strap staples, 8 securing bolts with leather washers and spring washers, and advance loop with 2 joint bolts with locking wires ...	1

(a) Not required when Mark II trunnion arms are fitted.

(b) Replaces Mark I seat only when the carriage is fitted with Mark II brake.

COMPONENT PARTS—continued.

Carriage, field, Q.F., 13-pr., Mark I—continued.

Designation.	Detail.	No.
Stays , tensile	steel	2(a)
Trail—		
Bands { brake, Mark II	„ (in 2 parts), with 6 coupling bolts and 2 screws connecting tensile stays each with keep pin	1
locking	steel	1
housing pickaxe	steel plate, with spring clip and wood block	1
Brackets { retaining shield pawl	steel, with screwed loop	1
stud, shield pawl	„ with collar, nut and keep pin	1
Clips, securing, case memo. of examination	steel, with rivets	2
Clip, securing traversing lever	steel, spring with fixing screws, collars and pad	1
Flange, securing shield	steel	1
Pawl, shield	„ with lever for releasing	1
Pin, locking shield pawl	„ spring split, with brass chain and S-hooks	1
Slide, traversing bracket	steel	1
Spade	steel, with trail eye No. 35 combined, traversing lever bracket, and lifting handles	1
Spring, shield pawl	steel, with screwed loop	1
Tube	„	1
Wheels , 2nd class, “C,” No. 45	wood; 4-ft. 8-in. diameter, 3-in. tyre; double spoke, with dust cap and keep pin, locking plate, drag washer and screw with washer for oil hole	2
Gear brake—		
Arms, brake { left, Mark II	} steel, with connecting bolt, { and shoe with keep pin {	1(b)
right, Mark II		1(b)
Blocks, brake, field and trans. port	C.I.	2
Eccentric	M.B.	1
Fork, actuating screw	steel, with connecting bolt, nut and keep pin	1
Handle, actuating screw	steel	1
Levers { cranked { left	„ with tumbler	1
	right	1
	releasing	1
	„ „ axis bolt	1

(a) 1 left and 1 right.

(b) Replaces Mark I brake arms on becoming unserviceable.

COMPONENT PARTS—continued.

Carriage, field, Q.F., 13-pr., Mark I—continued.

Designation.	Detail.	No.
Gear brake — <i>continued.</i>		
Link, eccentric	steel, with connecting bolt, nut and keep pin, and adjusting screw with nut and keep pin ...	1
Nut, actuating screw... ..	M.B., with securing nut	1
Rods, connecting { cranked levers ...	steel, with ten disc springs, nut and keep pin, and bolt connecting with nut and keep pin	1
{ eccentric link ...	steel, with connecting bolt, nut and keep pin	1
Screw, actuating	steel, with cross handle, stop nut, hand wheel retaining nut, and M.B. securing nut and keep pins	1
Gear, clamping cradle —		
Clutches { left	steel	1
{ right	"	1
Spindle, clutch	" with nut and keep pin	1
Tube, distance	"	1
Gear, elevating —		
Band, carrying protecting cap	M.B.	1
Bearings, nut	"	2
Cap, protecting elevating screw	steel, with keep pin	1
Nuts, elevating screw	" " bevel wheel	2
Pinions, handwheel { lower ...	} steel, bevel, with spindle, {	1
{ upper ...			collar, nut and keep pin
Rod, connecting elevating screw	steel, with axis pin and keep pin	1
Screw, elevating, No. 37	" (also range), with upper stop, and lower stop with securing screw, cover, collar, nuts and keep pins	1
Wheels, hand { lower ...	M.B., with handle	1
{ upper ...	" " "	1
Gear, firing —		
Arm, connecting	steel, with collar and keep pin ...	1
Lever, spring	" " spring stud, collar and keep pin	1
Pin, fulcrum	steel, with collar and keep pin ...	1
Rod, connecting	" with handle	1
Spring	" spiral	1
Gear, range :—		
Arc, Mark II	steel, with connecting bracket, nut and keep pin	1

COMPONENT PARTS—*continued.*Carriage, field, Q.F., 13-pr., Mark I—*continued.*

Designation.	Detail.	No.
Gear, range—<i>continued.</i>		
Blocks, base, dial sight bracket	M.B., with fixing screws	1(a)
Bush, eccentric	M.B. (for indicator pinion)	1
Indicator, Mark I	consisting of spring case with 2 woodite washers, stud and spring, yard and degree scale ring, jamming plate, and spring barrel	1
or		
Indicator, Mark II	consisting of M.V. corrector, spring case, 2 woodite washers, clock type spring, spring barrel, jamming plate, yard and degree scale ring and carrier, M.V. corrector and pointer.	
Pinion, indicator	steel, spur, with spindle, collar, nut and keep pin	1
Pointer	steel, with clamping screw	1
Gear, traversing:—		
Cap, crosshead, bronze ... ..	... ..	1
Crosshead	steel, cylinder, with steel cap, M.B. bearing, with securing screw, collar, nut and keep pin, check nut, packing piece and oil screw	1
Link-nut	M.B.	1
Pin, connecting link-nut	steel, with keep pin	1
Pointer	nickel alloy, with screws	1
Screw, actuating	steel, with collar, nut and keep pin	1
Strip, degree scale	M.B., with screws	1
Wheel, hand	" with handle	1
LEATHER FITTINGS.		
Cases	{ keys, setting fuze, Q.F. 13 and 18-pr., carriage	1
	{ sight clinometer, Q.F. 13 and 18-pr.	1
	with 2 brass securing bands	1

(a) Not required for carriages of future manufacture.

COMPONENT PARTS—continued.

Carriage, field, Q.F., 18-pr., Mark I—continued.

Designation.	Detail.	No.
Loop , securing traversing handwheel, Q.F. 13 and 18-pr., Marks I to II, carriages	leather	1
Loop , housing shovel, Q.F. 13 and 18-pr., Marks I to II, carriages	leather	1
Strap , shovel handle ... ..	... ..	1
Straps , quick { 1" x 9½"	securing brake lever	1
release { 1" x 11" with loop... ..	securing drag ropes	1
Tie , securing ½" x 7"... ..	steadying rod connecting brake gear	1

Limbers, Q.F. 13-pr., Marks I and II.

Designation.	Detail.	Limbers.			
		Carriage.		Wagon.	
		Mark I.	Mark II.	Mark I.	Mark II.
Body—		No.	No.	No.	No.
Axletree, 2nd class, "C," No. 250	steel	1	1	1	1
Block, housing spade... ..	wood, with copper rivets and leather strip, with brass plates and screws	1	1	—	—
Box , ammunition ... {	„ (tube system)	1	—	1	—
	„ (basket system)	—	1	—	1
Fittings—					
Baskets	willow and cane, tubular, fitted with 4 wood slats. To hold one round	—	24	—	38

COMPONENT PARTS—continued.

Limbers, Q.F., 18-pr., Marks I and II--continued.

[illegible]

COMPONENT PARTS—continued.

Limbers, Q.F., 13-pr., Marks I and II—continued.

Designation.	Detail.	Limbers.			
		Carriage.		Wagon.	
		Mark I.	Mark II.	Mark I.	Mark II.
Body—continued—		No.	No.	No.	No.
Box, ammunition—continued.					
Fittings—continued.					
Locks, box, lim-	No. 6 G.M., with key	1	1	—	—
bers and wagons,	" " "	—	—	1	1
Plates { stop { net flap	steel	2	2	2	2
{ striking lock	"	1	1	—	—
Shelves, Mark II	steel	—	4	—	6
Sockets, guard iron	steel with screw	4	4	4	4
Staples { hand leather	"	2	2	2	2
{ lashing, special	" (sets)	1	1	1	1
Strips, felt	"	1	1	1	1
Tubes	brass, with steel stud plate, collar, M.B. nut and keep pin	24	—	38	—
Frame— { foot	wood	1	1	1	1
Boards { platform, { front	"	1	1	1	1
{ rear	"	1	1	1	1
Bolts, countersunk head square, $\frac{3}{8}$ in. $\times$ $1\frac{1}{2}$ in.	steel, with nut	24	24	24	24
Brackets, lifting jack, { near	M.B.	1	1	1	1
{ off	"	1	1	1	1
Flanges, { inside	steel	2	2	2	2
axletree { outside { near	{ steel, with dust excluder and bolts	1	1	1	1
{ off	{	1	1	1	1
Futchels { inside, { near	steel	1	1	1	1
{ off	"	1	1	1	1
{ outside, { near	"	1	1	1	1
{ off	"	1	1	1	1
Hooks { bucket	"	1	1	1	1
{ draught, { near	"	1	1	1	1
{ off	"	1	1	1	1
limber, No. 25 (a)	"	1	1	1	1

(a) No. 30 hook for limbers of future manufacture and replacement of No. 25 hook when limbers are passing through O.F. for repair.

COMPONENT PARTS—continued.

Limbers, Q.F., 13-pr., Marks I and II—continued.

Designation.	Detail.	Limber.			
		Carriage.		Wagon.	
		Mark I.	Mark II.	Mark I.	Mark II.
Body—continued.					
Frame—continued.		No.	No.	No.	No.
Keys { limber hook, No. 17	steel with chain, for hook No. 25...	1	1	1	1
Keys { split, flat, 1-in. × 4-in. ...	steel, with S hook	1	1	1	1
Loops, kicking straps, field limbers { inner ...	steel with bolts ...	†	†	†	†
Loops, kicking straps, field limbers { outer No. 1					
Nets, wire ...	steel, galvanized, with clips and leather tie ...	2*	2*	2*	2*
Pin, draught, No. 3 ...	„ for draught pole	1	1	1	1
Plates { connecting front ...	„ ...	1	1	1	1
	„ ...	1	1	1	1
	„ ...	1	1	1	1
	„ ...	1	1	1	1
	„ ...	1	1	1	1
	„ ...	1	1	1	1
Plates { side, connecting ammunition box ...	steel ...	1	1	1	1
	„ ...	1	1	1	1
	„ ...	1	1	1	1
Sockets { rib pole ...	„ ...	1	1	1	1
	„ ...	1	1	1	1
	„ ...	1	1	1	1
Staples { riveting, $\frac{5}{16}$ -in. ...	„ (sets) ...	1	1	1	1
	„ („) ...	1	1	1	1
	„ („) ...	1	1	1	1
Stays, futchel ...	„ ...	1	1	1	1
	„ ...	1	1	1	1
Bar, supporting draught pole, No. 3 ...	wood ...	1	1	1	1

(b) Not required when limber is fitted with No. 30 hook.

* 1 near and 1 off.

† One pair for every 2 limbers.

(B 15475)Q

E

COMPONENT PARTS—continued.

Limbers, Q.F., 13-pr., Marks I and II—continued.

Designation.	Detail.	Limbers.			
		Carriage.		Wagon.	
		Mark I.	Mark II.	Mark I.	Mark II.
		No.	No.	No.	No.
Collars , adjusting, 2nd class					
“C” capped wheels	steel	2	2	2	2
Pins , linch, 2nd class “C”					
capped wheels... ..	”	2	2	2	2
Pole , draught, No. 17, Mark III	wood, with tug and nut	1	1	1	1
Swingletrees , No. 11	steel	2	2	2	2
Wheels , 2nd class “C” No. 45	wood, 4-ft. 8-in. diameter, 3 in. tyre, double spoke, with dust cap and keep pin, locking plate, drag washer, and screw, with washer for oil hole	2	2	2	2
LEATHER FITTINGS.					
Cases , bill hook ... ..	... ..	1	1	1	1
{ felling axe, with strap key, setting fuze, Q.F.,	... ..	1	—	—	—
Cases { 13 and 18-pr. limber	also ammunition wagon	2	2	2	2
{ water brush ... ..	... ..	1	1	1	1
Leathers { guard iron (2) ... ..	... ..	a	a	a	a
{ hand, with laces	or loops holding	2	2	2	2
{ rifle clips (2 pairs) ... ..	... ..	b	b	b	b
Loops , spade (2-in. × 13-in.) ... ..	... ..	—	—	2	2
Pocket , key, spring lock, 2 keys ... ..	... ..	1	1	1	1
Straps , quick release, 1-in. × 1½-in., with loop	securing rifles	2	2	2	2
Strip , leather ... ..	... ..	c	c	—	—
Ties , linch pin	for securing wire nets	2	2	2	2

(a) Sub-component of guard irons.

(b) Sub-component of rifle clips.

(c) Sub-component of housing block.

COMPONENT PARTS—*continued.*

Wagon, Ammunition, Q.F., 13-pr., Marks I and II.

Designation.	Detail.	Mark I.	Mark II.
Body—		No.	No.
Axletree, 2nd class, "C,"			
No. 250	steel	1	1
Box, ammunition	„ (tube system)	1	—
	„ (basket system)	—	1
Fittings—			
Baskets, Mark II	willow and cane, tubular, fitted with 4 wood slats to hold one round	—	38
Blocks, housing fuse indicator {	centre wood, with strip of fear-nought	1	1
	left } wood, with clip plate, securing strap and strip of fearnought	1	1
	right } of fearnought	1	1
Catches, {	G.M. plate with spiral		
limber { No. 3... ..	spring and plunger, { near	1	1
and { „ 4... ..	and lever with { off	1	1
wagon {	hinge screw		
Irons, { No. 25	steel near	1	1
guard { „ 26	„ off	1	1
Lid	„ fitted with felt pad, canvas covered and hinged shield plate, stops and 2 handles	1	1
Lock, box, limbers and wagons, No. 6... ..	G.M., with key	1	1
Plates, striking lock	steel	1	1
Shelves, { bottom { near	„	—	1
Mark II { off	„	—	1
	„	—	4
Sockets, guard iron	„ with screw	4	4
Staples { hand leather	„	2	2
	„ (sets)	1	1
lashing, special			
carrying fuze			
indicator	„	2	2
Strips, felt	„ sets	1	1
Tubes	brass, with steel stud plate, collar, M.B. nut and keep pin	38	—
Frame—			
Boards { foot	wood	1	1
	„	1	1

COMPONENT PARTS—continued.

Wagon, Ammunition, Q.F., 13-pr., Marks I and II—*continued.*

Designation.	Detail.	Mark I.	Mark II.
Body —continued.			
Frame —continued.		No.	No.
Bolts, countersunk head, square, $\frac{3}{8}$ -in. $\times$ $1\frac{1}{2}$ -in. ...	steel, with nut ...	16	16
Brackets { carrying pole ...	" ...	1	1
{ hinge, brake arm ...	" with connecting bolt, nut and keep pin ...	2	1
Eyes, perch, No. 12 ...	steel ...	1	2
Flanges, { inside ...	steel ...	2	2
axle-tree { outside { near ...	{ steel, with dust excluder {	1	1
{ off ...	and bolts ...	1	1
Perch ...	steel with lifting handles ...	1	1
{ camp kettle ...	steel, with hooks ...	4	4
supporting { near ...	" ...	1	1
{ footboard { off ...	" ...	1	1
Plates { gusset { perch ...	" ...	1	1
{ near side ...	" ...	1	1
{ off side ...	" ...	1	1
inscription ...	G.M. ...	1	1
locking ...	steel ...	2	2
side, connecting { near ...	" ...	1	1
ammunition box { off ...	" ...	1	1
Shelves, grease box { near ...	{ " with supporting bracket {	1	1
{ off ...	" ...	1	1
Sides { near ...	" ...	1	1
{ off ...	" ...	1	1
Staples, { riveting, $\frac{5}{16}$ -in. ...	" ... sets	1	1
lashing { with plate, ...	" ...	1	1
single, $\frac{1}{4}$ -in. ...	" ...	1	1
Stays { perch, { centre ...	" ...	1	1
{ rear ...	" ...	1	1
{ side, { near ...	" ...	1	1
{ off ...	" ...	1	1
Studs, supporting { near ...	{ " with collar, nut, and {	1	1
brake arm, { off ...	keep pin ...	1	1
Collars , adjusting, 2nd class		2	2
"C" capped wheels ...	" ...	2	2
Connector , limbering ...	" consisting of axletree, hook, with connecting pin with keep pin and stop pin with collar, tie, coupling hook with 2 links and leather tie ...	—	1

COMPONENT PARTS—*continued.*Wagon, Ammunition, Q.F., 13-pr., Marks I and II—*continued.*

Designation.	Detail.	Mark I.	Mark II.
Pins , linch, 2nd class "C" capped wheels	steel	No. 2	No. 2
Wheels , 2nd class "C" No. 45	wood, 4-ft. 8-in. diameter, 3-in. tyre, double spoke, with dust cap and keep pin, locking plate, drag washer, and screw with washer for oil hole ...	2	2
Gear, Brake—			
Arms, brake { near ...	steel, with shoe and keep pin, connecting brackets { and hinge lug {	1	1
{ off ...		1	1
Bands, axletree	steel (in halves) with bolt, with nut and keep pin, and axis stud with collar, nuts and keep pins ...	2	2
Blocks, brake, field and transport	C.I.	2	2
Forks { actuating screw ...	steel, with connecting bolt, nut and keep pin ...	1	1
{ supporting rod ...	steel, with pin and keep pin	2	2
Handle, actuating screw ...	„	1	1
Levers, cranked { near ...	„ with tumbler ... {	1	1
{ off ...		1	1
Nut, actuating screw ...	M.B., with securing nut ...	1	1
{ actuating ...	steel, with 2 connecting bolts, each with nut and keep pin	1	1
Rods { connecting cranked levers	steel, with 10 disc springs, nut and keep pin, and bolt connecting with nut and keep pin	1	1
{ supporting brake arm	steel, with collar, nut and keep pin	2	2
Screw, actuating	steel, with nuts and keep pins	1	1

COMPONENT PARTS—continued.

Wagon, Ammunition, Q.F., 13-pr., Marks I and II—continued.

Designation.	Detail.	Mark I.	Mark II.
LEATHER FITTINGS.			
Cases , key setting fuze, Q.F. 13 and 18-pr., limber ...	also ammunition wagon ...	2	2
Chape , saw case ...	...	1	1
Leathers { guard iron (2) ... { hand, with laces... }	... or loops holding ...	(a)	(a)
Loop , saw case (9-in. × 1½-in.) ...	...	2	2
Pocket , key, spring lock (2 keys) ...	...	1	1

(a) Sub-component of guard irons.

Sights, and No. 7 dial sight carrier No. 2.

Designation.	Detail.	No.
Sight , dial, No. 7 ...	...	1
Sights , rocking bar, Q.F. 13-pr.	consisting of rocking bar and sight bar as follows :—	1
Bars, rocking ...	steel, with crosshead and deflection scale plate with fixing screws, traversing screw with 2 milled heads each with degree scale, securing plate and 8 fixing screws; keep pin for 1 milled head; deflection nut with collar, nut and keep pin, and spiral spring, with retaining nut; bush, adjusting sight bar, clamping bolt with collar, nuts and keep pin and bracket sight clinometer ...	...

COMPONENT PARTS—*continued.*Sights, and No. 7 dial sight carrier No. 2—*continued.*

Designation.	Detail.	No.
Sights, rocking bar, Q.F. 13-pr. — <i>continued.</i>		
Bars, sight	steel, tubular, with adjustable foresight; foresight holder, with clamping screw, cap, and chain with split rings; telescope holder, front, with cap and clamp with spiral spring and nut; telescope holder, rear, with cap and clamp with spiral spring and nut, notched leaf for hind sight, and pivot with nut and keep pin	...
Carrier, No. 7 dial sight, No. 2, Mark I*	steel, with spring washer, B.L. 2·75-inch, Q.F. 13 and 18-pr., Marks I to II, field carriages ...	1
or		
Mark II	M.C.I. with washer, B.L. 2·75-inch; Q.F. 13-pr. and 18-pr., Marks I to II, field carriages ...	...

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EQUIPMENT REGULATIONS, PART 2, Section XI (a), 1925.

26

Regs.

740

AMENDMENTS No. 1*.

54

Arty.

8969

1. Page 44—

Delete "Section V.2" and items thereunder.

2. Page 46.

Insert under "Section V.2."

	Peace	War
"Arrows 24	24	
Clinos, Indian, Mk. VI .. 1	1	
Compasses, beam, 26-in. Mk. II .. 1	1	
Compasses, magnetic, plane table, Mk. II .. 1	1	
Instruments, drawing, R.E. "A" .. . sets 1	1	
Protractors, air, photo. .. —	1	
Protractors, circular, celluloid, 9-in. .. . 1	For each Head-quarters 1	For each Head-quarters
Protractors, semi-circular, celluloid, 8-in., special, Mk. II (or III) .. . —	2	
Rules, sight, 24-in. .. 1	1	
Scales, math., No. 20 .. 1	1	
Straight-edges, 36-in. .. 1	1	
Tables, plane, R.E. .. 1	1	
Tapes, measuring, metallic woven, 100-ft. Mk. II .. 1	1	
Theodolites, transit, micrometer 3½-in., No. 1 (a) .. 1	1	

Add footnote—

"(a) Theodolites, transit, vernier, 3-in., in possession, will be retained, in lieu, until unserviceable."

3. Page 72—

Delete "Section V.2" and items thereunder.

4. Page 73—

Delete footnotes "(d)" and "(f)."

5. Pages 79, 81, 82 and 105—

Insert "(b)" against "Clips, cartridge, Q.F., No. 9".

57

Vocat.

8580

* See Army Order 219 of 1927.

For any previous amendments reference should be made to Army Orders issued between March, 1925, and August, 1927.

57-9999

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Gr. Brit.
V.W.V.

6. Page 79—

Insert footnote—

“(l). These components when fitted to cartridges and shell will be considered, for accounting purposes, as forming part of the major store to which they belong. Only when such components are loose, or separate from the major store, will they be held under their own vocabulary nomenclature.”

Page 81.—*Under “Section No. 23” —*

Insert—

“**Plugs**, fuze-hole, 2-in., No. 1 (l) ..|..|..|..|6|..|..|”

Page 81—

Delete “Section No. 29-B” and items thereunder.

Insert “Section V.—2.

Arrows (j)	—	—	24	—	—	24
Celluloid sheet , transparent, ·006-in. × 18-in. × 18-in. sheets	—	—	2	—	—	2
Clinos , Indian, Mk. VI ..	—	—	1	—	—	1
Compasses—						
Beam, 26-in. Mk. II (j) ..	—	—	1	—	—	1
Magnetic, plane table, Mk. II	—	—	1	—	—	1
Prismatic, liquid (k) ..	—	—	2	—	—	2
Instruments , drawing, R.E.						
A. (j) sets	—	—	1	—	—	1
Protractors—						
Air, photo	—	—	2	—	—	2
Circular, celluloid—						
6-in.	—	—	1	—	—	1
9-in.	—	—	1	—	—	1
Semi-circular, celluloid, 8-in. special, Mk. II (or III) ..	—	—	1	—	—	1
Rules , sight, 24-in. ..	—	—	1	—	—	1
Scales , math., No. 20 ..	—	—	2	—	—	2
Straight-edges , 36-in. ..	—	—	1	—	—	1
Tables , plane, R.E. ..	—	—	1	—	—	1
Tapes , measuring, metallic woven, 100-ft. ..	—	—	1	—	—	1
Thermometers , survey ..	—	—	1	—	—	1
Theodolites , transit, micro- meter, 3½-in. No. 1 (j) ..	—	—	1	—	—	1
Watches , stop, ½ second ..	—	—	1	—	—	1

Add new footnotes—

(j) *For unbrigaded batteries only.*

(k) *For detached sections in place of directors.*

8. Pages 81, 82 and 105—

Insert the following footnote—

“(l). See footnote “(l)” on page 79.”

57
Vocab.
8580

By Command of the Army Council,



THE WAR OFFICE,
31st October, 1927.

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(Notified in Army Orders for January, 1928.)

EQUIPMENT REGULATIONS, PART 2, Section XI (a), 1925.

AMENDMENTS (No 2).

1. Paragraph 17—

26

Regs.

738

Delete sub-paragraph 2.

Insert new sub-paragraph 2—

"Statements of repairs to armament performed by R.A. artificers will be forwarded weekly by officers commanding batteries to the D.A.D.O.S. of the area or district, in order that the O.M.E. may be kept informed of the condition of armament. (See para. 372, Equipment Regulations, Part I, 1923). The rendering of this report in no way relieves Os.C. batteries from responsibility for the condition of their equipment."

Paragraph 18—

Line 1.—*For* "Inspectors of Ordnance Machinery" *substitute* "Ordnance Mechanical Engineers".

Line 3.—*After* "armament" *add*—

“, and should visit units as frequently as their duties permit.”

Paragraph 19—

Line 2.—*After* "inspection" *insert* “, modification”.

Line 4.—*For* "Chief Ordnance Officer" *substitute* "D.A.D.O.S."

2. Section XII, table (as promulgated by Army Order 240 of 1927)

54

Arty.

9266

Under "Section No. 8c"—

Against "Heliographs, 5-in. Mk. V" *insert* "(1)" in columns 2 and 3.

Gr. Brit. War Off.

57-9999 (5)

Insert in remarks column—

“(1) 4 for each battery in Egypt.”

Under “Section No. 29A.”—

For “Lamps, sig. daylight, M.S.” substitute—

“Lamps, sig. daylight, short range, M.S.”

Delete “Lamps, sig. daylight, boxes, spare batteries.” and detail.

“Straps”—insert this item under “Sticks, crook, jointed, Mk. II”.

57

S.A.

226

3. Page 35—

Against “Guns, machine, Hotchkiss 303-inch:—Mark I” delete “(b)” in column 3.*

After “Gauges, protrusion of firing pin” insert—

“Protectors, foresight, Mark I.. .. | 1 | 4 | 2 ”

Against “Sights, A.A., back { in column 3, for “2” Sights, A.A., fore” { substitute “4”.

Delete “Holders, Hotchkiss, 303-inch M.G., mounting, tripod, A.A.” and detail.

Against “Indicators, range, stadia, M.G.” in column 3 for “2” substitute “4”.

Against “Mountings, tripod:—A.A. Lewis or Hotchkiss 303-inch, M.G.” insert “, Mark I,” and in column 3 fro “2” substitute “4”.*

*Against “Mountings, tripod:—Hotchkiss, 303-inch M.G. Mark II” insert “***”.*

Against “Shackles, mounting, tripod:—Hotchkiss, 303-inch, M.G.” insert “Mark II”.

Delete footnote “(b)”.

57

Gen.

4403

4. Page 79—

Above “Lamps, siege” insert—

“Glasses, coloured—

Green	..	|	—	|	—	|	2	|	—	|	—	|	2	|	”
Red	..	|	—	|	—	|	2	|	—	|	—	|	2	|	”

By Command of the Army Council.

H. J. Creedy

THE WAR OFFICE,
12th January, 1928.

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